	TOTAL TOTAL CONTROL OF THE CONTROL O	
1.	IDENTIFICATION AND GET P/N#:	2011 1117
	Nomenclature:	2041-11K Ritrox Fit Sensitivity Solution #1
	Company Name:	Bitrex Fit Sensitivity Solution #1 H 2 Allegro Industries F 1
	Address:	1360 Shiloh Church Rd R 0
		Piedmont, SC 29673 O 0
		864-846-8740
		Chemtrac: 800-424-9300
2.	COMPOSITION	
	Product Name:	Denatonium benzoate
	Chemical Name:	Ammonium, Benzyldiethyl ((2,6-xylylcarbamoyl)methyl)-, benzoate
	Chemical Family:	N/A
	Synonyms:	N-[2-[2,6-Dimethylphenyl)amino]-2-oxoethyl]-N, N-diethylbenzenemethanaminium benzoate; Benzenemethanaminium,
		N-(2-((2,6-dimethylphenyl)amino)-2-oxoethyl)-N-N-diethyl-, benzoate; ((2,6-Xylylcarbamoyl)methyl dietyl benzyl ammonium benzoate
	Ingredient:	Water Sodium chloride Denatonium benzoate
	CAS Number:	7732-18-5 7647-14-5 3734-33-6
	Percent:	95% 5% < .02%
	Molecular Weight:	446.59 g/mole
	Chemical Formula:	C28H34N203
	Notes:	N/A
3.	HAZARDS IDENTIFICATIO	
	Routes of Exposure:	Inhalation, ingestion.
	Target Organs:	N/A
	Chronic Exposure: Acute Exposure:	Repeated or prolonged exposure is not known to aggravate medical condition.
	Aggr. of Pre-Ex Cond:	Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of ingestion, of inhalation. N/A
	Carcinogenic Effects:	Not available.
	Mutagenic Effects:	Not available.
	Teratongenic Effects:	Not available.
- 1	Developmental Toxicity:	Not available.
4.	FIRST AID MEASURES	
	Inhalation:	If inhalad ramage to feed air If at hearthing aircraft in the rest of the rest
		If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
	Skin Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing
	Skin Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
a		In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold
8	Skin Contact: Eye Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
8	Skin Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold
5.	Skin Contact: Eye Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
5.	Skin Contact: Eye Contact: Ingestion:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher.	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume):	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A May be combustible at high temperature. N/A
5. ************************************	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A May be combustible at high temperature. N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A N/A N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A May be combustible at high temperature. N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. NI/A NI/A NI/A NI/A NI/A NI/A NI/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2).
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat. Risks of explosion of the product in presence of mechanical impact: Not available.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire. Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher. Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use Water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat. Risks of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of static discharge: Not available. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. None. EASURES Small Spill- Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Waste must be disposed of in accordance with Federal, State, and Local Environmental Control Regulations.
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomitting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire: Use DRY chemical powder. Large Fire: Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A N/A N/A N/A N/A N/
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire: Use DRY chemical powder. Large Fire: Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
6.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher. Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE M Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage: Precautions:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. S As with most organic solids, fire is possible at elevated temperatures. Small Fire. Use DRY chemical powder. Large Fire. Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/

MS007

EXPOSURE CONTROLS Safety glasses or splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent, Gloves. PPF Personal Protection in Case Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of of a Large Spill: the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Inhalation: N/A N/A Skin Eye: N/A N/A Ingestion: N/A Ventilation: Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit Work/Hygienic Practices: Wash hands after handling this product. N/A Exposure Limits: Notes: None PHYSICAL AND CHEMICAL PROPERTIES Color/Appearance/Odor: Odorless white liquid with a bitter taste. **Boiling Point** N/A Melting Point 163°C (325.4°F)-170°C Critical Temperature: N/A Specific Gravity (H2O=1): N/A Refractive Index: N/A Volatility: N/A Evaporative Rate: N/A Vapor Density(Air=1): N/A N/A Vapor Pressure: Odor Threshold: N/A Water/Oil Dist. Coeff: The product is more soluble in oil; log (oil/water) =0.9 Iconicity (in Water): N/A Solubility in Water Partially soluble in water. Solubility in water: 45 g/l 10. STABILITY AND REACTIVITY Stability: The product is stable. Instability Temperature: N/A Conditions of Instability: Excess heat, incompatible materials, dust generation. Incompatibility with Reactive with oxidizing agents. Various Substances: Corrosivity: Non-corrosive in presence of glass. Special Remarks on N/A Reactivity: Special Remarks on Corrosivity: N/A Will not occur Hazardous Polymerization: 11. TOXICOLOGICAL INFORMATION Inhalation, Ingestion. Routes of Entry: Acute oral toxicity (LD50): 508 mg/kg [Rabbit (Registry of Toxic Effects of Chemical Substances)]. Toxicity to Animals: Acute dermal toxicity (LD50): >2000 mg/kg [Rabbit]. Chronic Effects on Humans: Other Toxic Effects on Hazardous in case of skin contact (irritant). Slightly hazardous in case of ingestion, of inhalation. Humans: Special Remarks on Toxicity LD50/Conc 50% Kill: LD50[Rat] -Route: Oral; Dose: 640 to 841 mg/kg to Animals: (Information from Johnson Matthey Group) Special Remarks on Chronic Effects on Humans Special Remarks on other Acute Potential Health Effects: Skin: Causes skin irritation. It may be absorbed through the skin, but not in significant or harmful amounts. Toxic Effects on Humans: Eyes: Causes eye irritation. Inhalation: Causes respiratory tract irritation. May cause allergic reaction in susceptible people. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea. May affect behavior/central nervous system (somnolence, tremor, ataxia). May cause allergic reaction to susceptible people. 12. ECOLOGICAL INFORMATION Ecotoxicity in water (LC50): >1000 mg/l 96 hours [Fish(Trout)] Ecotoxicity. BOD5 and COD: Possibly hazardous short term degradation products are not likely. However, long term degration products may arise. Products of Biodegradation: Toxicity of the Products The products of degradation are less toxic than the product itself. of Biodegradation: Special Remarks on the N/A

Products of Biodegradation:

13. DISPOSAL CONSIDERATIONS Waste must be disposed of in accordance in Federal, State, and Local Environmental Control Regulations. 14. TRANSPORT INFORMATION DOT Classification: Not a DOT controlled material (United States). Proper Shipping Name: N/A Hazard Class: N/A Transport Emergency Card: N/A Packing Group: N/A UN Number: N/A Reportable Quantity. N/A Notes: N/A 15. REGULATORY INFORMATION TSCA Registered: TSCA 8(b) inventory: Denatonium benzoate California Proposition 65 California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer which Warning: would require a warning under the statue: No products were found. California Prop 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statue: No products were found. EINCS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS) No. 223-095-2. Canada: Listed on Canadian Domestic Substance List (DSL) China: Listed on National Inventory. Japan: Listed on National Inventory. (ENCS) Listed on National Inventory. (KECI) Korea: Philippines: Listed on National Inventory. (PICCS)

16. OTHER INFORMATION

Australia:

ICSC:

FDA Approved:

Other Special Considerations: Aversive agent and denaturant

Listed on ACIS.

N/A N/A

DISCLAIMER: THE INFORMATION FURNISHED HEREIN IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST DATA CURRENTLY AVAILABLE TO US. NO WARRANTY, EXPRESSED OR IMPLIED IS MADE AND ALLEGRO INDUSTRIES ASSUMES NO LEGAL RESPONSIBILITY OR LIABILITY RESULTING FROM ITS USE.

	IDENTIFICATION AND GE P/N#:	2041-121/
	Nomenclature:	District Code
	Company Name:	AD Y 1
	Address:	12/0/01/21/01 1/21
		B. 1 (C.2042)
		Predmont, SC 29673 O 0 864-846-8740
		Chemtrac: 800-424-9300
	COMPOSITION	
•	Product Name:	Denatonium benzoate
	Chemical Name:	Ammonium, Benzyldiethyl ((2,6-xylylcarbamoyl)methyl)-, benzoate
	Chemical Family	N/A
	Synonyms:	N-[2-[2,6-Dimethylphenyl)amino]-2-oxoethyl]-N, N-diethylbenzenemethanaminium benzoate; Benzenemethanaminium,
		N-(2-((2,6-dimethylphenyl)amino)-2-oxoethyl)-N-N-diethyl-, benzoate;
		((2,6-Xylylcarbamoyl)methyl dietyl benzyl ammonium benzoate
	Ingredient:	Water Sodium chloride Denatonium benzoate
	CAS Number:	7732-18-5 7647-14-5 3734-33-6
	Percent:	95% 5% <.2%
	Molecular Weight:	446.59 g/mole
	Chemical Formula:	C28H34N203
_	Notes:	N/A
5.	HAZARDS IDENTIFICATIO	NO.
	Routes of Exposure:	Inhalation, ingestion.
	Target Organs:	N/A
	Chronic Exposure:	Repeated or prolonged exposure is not known to aggravate medical condition.
	Acute Exposure:	Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of ingestion, of inhalation.
	Aggr. of Pre-Ex Cond:	N/A
	Carcinogenic Effects:	Not available.
	Mutagenic Effects:	Not available.
	Teratongenic Effects:	Not available.
	Developmental Toxicity:	Not available.
4.	FIRST AID MEASURES	
	Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention
	Inhalation: Skin Contact:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing
	Skin Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention
		In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold
	Skin Contact: Eye Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
	Skin Contact:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If
	Skin Contact: Eye Contact: Ingestion:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollicnt. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar
5,	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume):	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air):	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A May be combustible at high temperature.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A May be combustible at high temperature. N/A
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A May be combustible at high temperature. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A May be combustible at high temperature. N/A N/A N/A N/A N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2).
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2).
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothin and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence	in case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothin and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. NIA NIA NIA NIA NIA NIA NIA NI
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat. Risks of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of static discharge: Not available. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. None.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances:	In case of contact, tumediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances:	In case of contact, tumediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothin and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. NIA NIA NIA NIA May be combustible at high temperature. NIA NIA NIA NIA These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat. Risks of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of static discharge: Not available. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. None. EASURES Small Spill- Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority remujerments.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothin and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbars. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE Mi	in case of contact, numediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal:	in case of contact, numediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbars. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat. Risks of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of static discharge: Not available. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. None. EASURES Small Spill- Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Waste must be disposed of in accordance with Federal, State, and Local Environmental Control Regulations.
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE	in case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S S with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: MACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage:	in case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A May be combustible at high temperature. N/A N/A N/A N/A These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2). Slightly flammable to flammable in presence of heat. Risks of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of static discharge: Not available. Risk of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of an in the presence of an ignition source is a potential dust explosion hazard. None. EASURES Small Spill- Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material into a con
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Notes: ACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE	in case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothi and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: MACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothin and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flash Point: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Motes: ACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage: Precautions:	in case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbars. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/
5.	Skin Contact: Eye Contact: Ingestion: FIRE FIGHTING MEASURE Fire Hazards: Fire Extinguisher: Explosion Hazards: Flammable Limits: Volatile (% by volume): Exp. Limits (Vol % in air): Flammability of Product: Auto Ignition Temperature: Special Fire Fighting Proc: PPE for Fire Fighters: Products of Combustion: Fire Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: Explosion Hazards in Presence of Various Substances: MACCIDENTAL RELEASE MI Procedure for Spill/Leak: Waste Disposal: HANDLING AND STORAGE Storage:	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothin and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistbar. S As with most organic solids, fire is possible at elevated temperatures. Small Fire- Use DRY chemical powder. Large Fire- Use water spray, fog, or foam. Do not use water jet. See below. N/A N/A N/A N/A N/A N/A N/A N/

MS008 REV:G

EXPOSURE CONTROLS Safety glasses or splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. PPE Personal Protection in Case Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of of a Large Spill: the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Inhalation N/A N/A Skin: N/A Eye: N/A Ingestion N/A Ventilation: Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit Work/Hygienic Practices: Wash hands after handling this product. Exposure Limits: NA Notes None PHYSICAL AND CHEMICAL PROPERTIES Color/Appearance/Odor: Odorless white liquid with a bitter taste. **Boiling Point** N/A Melting Point 163°C (325.4°F)-170°C Critical Temperature: N/A Specific Gravity (H2O=1): N/A Refractive Index: N/A Volatility. N/A Evaporative Rate: N/A Vapor Density(Air=1): N/A Vapor Pressure: N/A Odor Threshold: N/A Water/Oil Dist. Coeff: The product is more soluble in oil; log (oil/water) =0.9 Iconicity (in Water): N/A Partially soluble in water. Solubility in water: 45 g/l Solubility in Water: 10. STABILITY AND REACTIVITY Stability: The product is stable. Instability Temperature: N/A Conditions of Instability: Excess heat, incompatible materials, dust generation. Incompatibility with Reactive with oxidizing agents. Various Substances: Corrosivity Non-corrosive in presence of glass. Special Remarks on N/A Reactivity. Special Remarks on Corrosivity: N/A Will not occur. Hazardous Polymerization: 11. TOXICOLOGICAL INFORMATION Inhalation. Ingestion. Routes of Entry: Acute oral toxicity (LD50): 508 mg/kg [Rabbit (Registry of Toxic Effects of Chemical Substances)]. Toxicity to Animals: Acute dermal toxicity (LD50): >2000 mg/kg [Rabbit]. Chronic Effects on Humans: Other Toxic Effects on Hazardous in case of skin contact (irritant). Slightly hazardous in case of ingestion, of inhalation. Humans: Special Remarks on Toxicity LD50/Conc 50% Kill: LD50[Rat] -Route: Oral; Dose: 640 to 841 mg/kg to Animals: (Information from Johnson Matthey Group) Special Remarks on Chronic Effects on Humans: Special Remarks on other Acute Potential Health Effects: Toxic Effects on Humans: Skin: Causes skin irritation. It may be absorbed through the skin, but not in significant or harmful amounts. Eves: Causes eve irritation. Inhalation: Causes respiratory tract irritation. May cause allergic reaction in susceptible people. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation with nausea, vomiting, diarrhea. May affect behavior/central nervous system (somnolence, tremor, ataxia). May cause allergic reaction to susceptible people. N/A 12. ECOLOGICAL INFORMATION Ecotoxicity in water (LC50): >1000 mg/l 96 hours [Fish(Trout)] Ecotoxicity: BOD5 and COD: Possibly hazardous short term degradation products are not likely. However, long term degration products may arise. Products of Biodegradation: Toxicity of the Products The products of degradation are less toxic than the product itself. of Biodegradation: Special Remarks on the

Products of Biodegradation

N/A

13.	DISPOSAL CONSIDERATIONS Waste must be disposed of in accordance in Federal, State, and Local Environmental Control Regulations.				
14.	4. TRANSPORT INFORMATION				
	DOT Classification:	Not a DOT controlled material (United States).			
l	Proper Shipping Name:	N/A			
1	Hazard Class:	N/A			
	Transport Emergency Card.	N/A			
1	Packing Group:	N/A			
1	UN Number:	N/A	£"		
	Reportable Quantity:	N/A			
	Notes:	N/A			

15. REGULATORY INFORMATION

TSCA Registered:

TSCA 8(b) inventory: Denatonium benzoate

California Proposition 65

California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer which

Warning:

would require a warning under the statue: No products were found.

California Prop 65: This product contains the following ingredients for which the State of California has found to cause birth defects

which would require a warning under the statue: No products were found.

EINCS: Canada: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS) No. 223-095-2.

Listed on Canadian Domestic Substance List (DSL)

China: Japan: Listed on National Inventory.

Korea:

Listed on National Inventory. (ENCS) Listed on National Inventory. (KECI)

Philippines: Australia:

Listed on National Inventory. (PICCS) Listed on ACIS.

FDA Approved:

N/A

ICSC: 16. OTHER INFORMATION

Other Special Considerations: Aversive agent and denaturant.

N/A

DISCLAIMER: THE INFORMATION FURNISHED HEREIN IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST DATA CURRENTLY AVAILABLE TO US. NO WARRANTY, EXPRESSED OR IMPLIED IS MADE AND ALLEGRO INDUSTRIES ASSUMES NO LEGAL RESPONSIBILITY OR LIABILITY RESULTING FROM ITS USE.