

AC2T

Safety Data Sheet
Spartan Mosquito Eradicator

Issued 04/05/2017

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT/CHEMICAL NAME:	Salt / Sucrose	EMERGENCY PHONE NO.	1-800-222-1222
IDENTIFICATION:	Attractant Toxic Sugar Bait	HMIS/NEPA HAZARD RATING <div style="border: 1px solid black; padding: 2px; width: fit-content;"> 4 = Extreme 3 = Serious 2 = Moderate 1 = Minimal </div>	
COMPANY:	AC2T P.O. Box 18556 Hattiesburg MS 39408		

SECTION 2 - HAZARD IDENTIFICATION

HAZARD CLASSIFICATION:	Not Classified	SYMBOL:	Not Applicable
Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), or ingestion, of inhalation. Potential Chronic Health Effects: CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not Available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical conditions.			
GHS Label elements:	No Labeling Applicable	OTHER HAZARDS:	Contact Poison Control 1-800-222-1222

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

COMPOSITION/ CAS No.	CAS #	RTECS #	Weight % (dry basis)
Sucrose	57-50-1	WN6500000	<= 88.4%
Sodium Chloride	7647-14-5	VZ4725000	<= 11.4%
Brewers Yeast	68876-77-7	Not Listed	<= 0.2%

SECTION 4- FIRST AID MEASURES

HEALTH HAZARDS Avoid contact with eyes. Wash thoroughly after handling.		
POTENTIAL HEALTH EFFECTS	ACUTE	CHRONIC
1. INHALATION	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, induce artificial respiration with a respiratory medical device. Get medical attention immediately if symptoms occur.	No Data Available
2. EYE CONTACT	Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.	No Data Available
3. SKIN	Wash affected area immediately with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothes and wash before reuse. Seek medical attention if discomfort or irritation persists.	No Data Available
4. INGESTION (Swallowing)	Rinse mouth thoroughly. Do not induce vomiting. Call a physician or Poison Control Center immediately.	No Data Available

SECTION 5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Dry chemical type preferred. Carbon dioxide, foam, water spray, sand, or earth is also recommended.
SPECIFIC PRECAUTIONS AND INSTRUCTIONS FOR FIRE FIGHTERS	Not Available
SPECIFIC HAZARDS (Unusual Fire & Explosion Hazards)	The material is slightly flammable to flammable at high temperatures
SPECIFIC HAZARDS	Typical Decomposition Products: carbon oxides (CO/CO ₂)
EXPLOSION HAZARDS	Not Available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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. Be careful that the product is not present at a concentration level above TLV. Consult this SDS and with local authorities.

SECTION 7 - HANDLING AND STORAGE

Precautions:	Keep locked up. Do not ingest. Do not breathe dust. Keep locked away from children and pets. Keep away from heat and sources of ignition. If ingested, seek medical advice immediately and show the container label. Keep away from incompatibles such as oxidizing agents and acids
Storage:	Keep container tightly closed. Store material in a dry, dark, well-ventilated and cool area. Do not store above 23°C (73.4°F).
Skin Protection:	Not required. However, it is considered good practice to wear gloves and safety glasses
Other Protective Clothing Or Equipment	Recommend using good personal hygiene practices and a clean source of water for flushing eyes and skin.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPOSITION/ CAS No.	CAS #	EXPOSURE GUIDELINES ¹	
		ACGIH* TLV (8-hr TWA)**	OSHA*** 1910.1000 PEL **** (8-hr TWA)**
Sodium Chloride	7647-14-5	Not Available	Not Available
Brewers Yeast	68876-77-7	Not Available	Not Available
Sucrose	57-50-1	10 mg/M3 Total Dust	15 mg/M3 Total Dust***** 5 mg/M3 as Respirable Dust*****

1. State, local or other agencies may have established more stringent limits. Consult local agencies for further information.

* ACGIH = American Conference of Governmental Industrial Hygienist *** OSHA = Occupational Safety and Health Administration
 ** TLV-T WA = Threshold Limit Value-Time Weighted Average **** PEL = Permissible Exposure Limit

ENGINEERING CONTROLS	Mechanically ventilate the work environment to reduce dust concentration and to maintain normal atmospheric oxygen levels.
EYE PROTECTION	Approved eye protection, such as safety glasses or goggles, to safeguard against potential eye contact is recommended.
SKIN PROTECTION	Lab Coat and gloves when handling.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	Vapor and dust respirator

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid, white with tan	ODOR	Carmel to Odorless
FLAMMABILITY	May be combustible at high temperatures	WATER/OIL DIST. COEFF	Not determined
FLASH POINT	Higher than 93.3°C (200°F).	SPECIFIC DENSITY	1.587 - 2.165
IONICITY (in water)	Not available	EXPLOSIVE HAZARD	Not available
MELTING POINT/FREEZING POINT	MP: 186°C; FP: Not determined	BOILING POINT	1413°C
ODOR THRESHOLD	Not available	pH (@ 1.0%)	7
VAPOR PRESSURE & DENSITY	Not available	VOLATILITY	Not available
SOLUBILITY (in water)	Soluble in hot or cold water, glycerol and ammonia. Partially soluble in alcohols.		

SECTION 10 - STABILITY AND REACTIVITY

INSTABILITY TEMPERATURE	Not available	CHEMICAL STABILITY	Stable
CONDITIONS OF INSTABILITY	High Temperatures, compatible materials.	REACTIVITY	Hygroscopic. Reacts with most nonnoble metals. Bromine trifluoride. Lithium. Sulfuric & Nitric Acid,
INCOMPATIBLE MATERIALS	Acids, metals & oxidizing agents	CORROSIVITY	Not available
POLYMERIZATION	Will not occur		

SECTION 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS	
Routes of Entry	Inhalation. Ingestion
Toxicity to Animals	Sucrose: Acute oral toxicity (LD50): 29700 mg/Kg [Rat]; Salt: Acute oral Toxicity (LD50): 3000 mg/Kg [Rat], Acute dermal toxicity (LC50): >10000 mg/Kg [Rabbit], Acute toxicity of the dust (LC50): >42000 mg/m3 1 hour [Rat].
Chronic Effects on Humans	MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. Mugtagenic for mammalian somatic cells. A4 (Not classifiable for human or animal.) by ACGIH.
Other Toxic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	Lowest Published Lethal Dose (LDL) [Man] - Route: Oral; Dose: 1000 mg/Kg

Special Remarks on Chronic Effects on Humans	Sucrose: No adverse reproductive effects have been found in humans. However at extremely high oral doses of 683000 mg/Kg given to rats during pregnancy showed some effects on newborn (growth, developmental anomalies of central nervous system). Passes through the placental barrier in humans. Sodium Chloride: Causes adverse reproductive effects in humans (fetotoxicity, abortion) by intraplacental route. High intake of sodium chloride, whether from occupational exposure or in the diet, may increase risk of TOXEMIA OF PREGNANCY in susceptible women (Bishop, 1978). In experimental animals, sodium chloride has caused delayed effects on newborns, has been fetotoxic, and has caused birth defects and abortions in rats and mice (RTECS, 1997). May affect genetic material (mutagenic).
Special Remarks on other Toxic Effects on Humans	Sucrose: Acute Potential Health Effects: Skin: May cause skin irritation. Low hazard for usual industrial handling. Eyes: Dust may cause mechanical irritation. Inhalation: Excessive inhalation may cause minor respiratory irritation. Ingestion: Ingestion of large amounts may cause gastrointestinal tract irritation. Expected to be a low ingestion hazard. Chronic Potential Health Effects: No Information. Sodium chloride: Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: Causes eye irritation. Ingestion: Ingestion of large quantities can irritate the stomach (as in overuse of salt tablets) with nausea and vomiting. May affect behavior (Muscle spasticity/contraction, somnolence), sense organs, metabolism and cardiovascular system. Continued exposure may produce dehydration, internal organ congestion and coma. Inhalation: Material is irritating to mucous membranes and upper respiratory tract.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY	Not Available
BOD5 and COD	Not Available
MOBILITY IN SOIL	The product is soluble in water
PRODUCTS OF BIODEGRADATION	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL	Method of disposal selected is subject to compliance with applicable federal, state and local laws and regulations.
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SECTION 14 - TRANSPORT DISPOSAL CONSIDERATIONS

DOT CLASSIFICATION	Not a DOT Controlled material (United States)	IDENTIFICATION	Not applicable. Not regulated by DOT
SPECIAL PROVISIONS for TRANSPORT	Not Applicable		

SECTION 15 - REGULATORY INFORMATION

Federal and State Regulations	Sucrose: RI, PA, MN, MA, TN RTK, TSCA 8(b) inventory. Sodium chloride: TSCA 8(b) inventory
Other Regulations	EINECS: These products are on the European Inventory of Existing Commercial Chemical Substances
Canada (DSL)	Not controlled under WHMIS
DSCL (EEC)	Sodium chloride: R40 - Possible risks of irreversible effects. Sugar & Sodium chloride: S24/25 - Avoid contact with skin and eyes.

SECTION 16- DOCUMENTARY INFORMATION

ISSUE DATE	4/5/2017
PREVIOUS ISSUE DATE	NA
IDENTIFICATION	Sucrose/Sodium chloride
REVISION No.	1.0

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