

MATERIAL SAFETY DATA SHEET

PRODUCT

BlockTeria

Laidlaw

HMIS HAZARD RATINGS:

Health 3
Flammability 2
Physical hazards 0

Adco™

SECTION 1: PRODUCT INFORMATION

Manufacturer: Edmar Chemical Company, P.O. Box 598, Chagrin Falls, OH 44022-0598
EMERGENCY TELEPHONE NUMBERS: CHEMTREC (800) 424-9300 24 HRS 7 DAYS A WEEK; ADCO (800) 821-7556 (8-5 M-F)
Intended Product Use: Bacteriostat
Synonyms: US EPA #: 7048-08-4708 Canadian P.C.P. #: 24219

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name	%	CAS #	OSHA PEL	LD 50
Didecyl dimethyl ammonium chloride	50	7173-51-5	Not listed	(for mixture)
Ethanol	<10	64-17-5	1000 ppm TWA	oral: 580 mg/kg (rat) dermal: >2 g/kg (rabbit)
			Not listed	
			Not listed	
			Not listed	

SECTION 3: PHYSICAL DATA

Appearance: Colorless to light straw color
Odor: Ethanolic
Specific Gravity (20° C): 0.91-0.94
pH (20:80 in IPA/H₂O Soln.): 6-8

Boiling Point: Not determined
Solubility in Water: Soluble
Vapor Pressure (mm Hg): Not determined
Vapor Density: Heavier than air

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method)(°F): 109 (PM)
Upper Flammable Limit: None
Lower Flammable Limit: None
Extinguishing Media: Dry chemical, water, foam, carbon dioxide
Special Fire Fighting Procedures: Treat as a combustible liquid. Cool fire-exposed containers with spray, must wear MSHA/NIOSH approved, self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Explosive mixtures can form with air. Combustion products are toxic. Solvent vapor can travel to an ignition source and flash back.

SECTION 5: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: _____
Incompatibility (materials to avoid): Strong oxidizers or reducing agents
Hazardous Decomposition Products: Toxic hydrogen chloride fumes, oxides of carbon and nitrogen
Hazardous Polymerization: Will not occur

SECTION 6: HEALTH HAZARD DATA

Toxicity (Estimated): Slight
Effects of Overexposure: Acute: May cause severe irritation of respiratory tract. Permanent damage may result if not treated promptly. May cause severe irritation to skin. May cause severe eye damage. Permanent damage may result if not treated promptly. May cause severe irritation and damage to the digestive tract. MAY BE FATAL.
Chronic: None known
Carcinogenicity: None of the ingredients of this mixture have been identified as a carcinogen or probable carcinogen by ACGIH, IARC, or OSHA.

†Hazard ratings and other information are based on latest available information from tests on product or ingredients of mixtures. The data and evaluations are accurate to the best of ADCO's knowledge. No guarantee or liability is expressed or implied.

EXPOSURE LIMITS 1000 ppm TWA (ethanol)	IRRITANCY OF PRODUCT Severe eye and skin	SENSITIZATION TO PRODUCT None reported	CARCINOGENICITY No components are listed by ACGIH, IARC, or OSHA
TERATOGENICITY No effects reported	REPRODUCTIVE TOXICITY No effects reported	MUTAGENICITY None reported	SYNERGISTIC PRODUCTS None reported

Based on known toxicity of components. No test data available on mixture.

SECTION 7: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.

Ventilation: Recommended.

Protective Gloves: Rubber or neoprene

Eye Protection: Splash proof safety goggles

Other protection equipment ordinarily not needed. Availability of eye washes and adequate ventilation in work areas recommended.

STORAGE AND HANDLING:

Do not store on side. Avoid creasing or impacting of side walls. Keep from freezing and away from high heat, flames or other ignition sources. Triple rinse empty container, puncture and dispose of in sanitary landfill, or by incineration, or if allowed by state law and local authorities, by burning. If burned, stay out of smoke.

SPILL OR LEAK PROCEDURES:

Remove all sources of ignition and ground all equipment before use. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentration may be generated. Dike and contain spill with inert material and transfer the liquid and solid separately to containers. Keep spill out of sewers.

WASTE DISPOSAL METHOD:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use, according to label instructions, contact your state pesticide or Environmental Control Agency or the nearest EPA regional office for guidance.

RECOMMENDED PRECAUTIONARY LABELING:

CAUTION:

Combustible. Corrosive. Use with adequate ventilation. Avoid prolonged breathing of vapors. Avoid contact with skin and eyes.

FIRST AID:

Flush eyes with water for 15 minutes. Rinse skin with plenty of water. If overexposed to vapors or mist, remove to fresh air. If ingested, sip a glass of water. Call poison control center for further treatment advice.

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

This product is intended for professional use only by trained personnel.

SECTION 8: FIRST AID

Inhalation: If overexposed to vapors or mist, remove to fresh air. Call poison control center for further treatment advice.

Eyes: Flush with water for 15 minutes. Call poison control center for further treatment advice.

Skin: Rinse with plenty of water. Call poison control center for further treatment advice.

Ingestion: Sip a glass of water. Call poison control center for further treatment advice.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SECTION 9: SARA TITLE III

NOTE: This product does contain components which are under the reporting requirements of SARA Title III, Section 313. If you are required to report discharges using Form R, SARA Title III, Section 313, information is available on amounts of reportable quantities.

SECTION 10: PREPARATION DATE

This information is provided for guidance only based on information we have compiled. No guarantee of accuracy or completeness is expressed or implied.

ADCO RESEARCH DEPARTMENT

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