



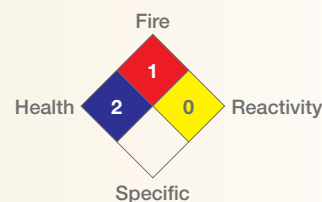
Material Safety Data Sheet

1.0 Chemical Product and Company Identification

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Product name: **Arrestol E™**

Emergency Phone
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 CHEMTREC 800.424.9300
 CHEMTREC International 1.703.527.3887



2.0 Composition / Information on Ingredients

Ingredient	CAS #	% by Weight
Erythromycin Thiocyanate	114-07-8	100

Toxicological data on ingredients: *Erythromycin*: Not available. LC50: Not Available.

3.0 Hazards Identification

Potential acute health effects	Very hazardous in case of ingestion. Hazardous in case of eye contact or inhalation (irritant). Slightly hazardous in case of skin contact (irritant, permeator).	
Potential chronic health effects	Carcinogenic effects:	Not available
	Mutagenic effects:	Not available
	Teratogenic effects:	Not available
	Developmental toxicity:	Not available
	The substance is toxic to blood, kidneys, lungs, liver, and mucous membranes	
	Repeated or prolonged exposure to the substance can produce target organs damage	

4.0 First Aid Measures

Eye	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases, and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Serious skin contact	Not available
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Serious inhalation	Not available
Ingestion	Do not induce vomiting. Loosen tight clothing, such as a collar, tie, belt, or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention
Serious ingestion	Not available

5.0 Fire Fighting Measures

Flammability of the product	May be combustible at high temperature
Auto-ignition temperature	Not available
Flash points	Not available
Flammable limits	Not available
Products of combustion	These products are carbon oxides (CO, CO2...), nitrogen oxides (NO, NO2...)
Fire hazards in presence of various substances	Not available
Explosion hazards in presence of various substances	Risks of explosion of the product in presence of mechanical impact: Not available Risks of explosion of the product in presence of static discharge: Not available
Fire fighting media and instructions	Small fire: Use DRY chemical powder Large fire: Use water spray, fog or foam. Do not use water jet.
Special remarks on fire hazards	Not available
Special remarks on explosion hazards	Not available

6.0 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 the requirements of local and regional authorities.
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.

7.0 Handling and Storage

Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention, and show the label when possible.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat, and away from strong oxidizing agents.

8.0 Exposure Controls / Personal Protection

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.
Personal protection	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved / certified respirator or equivalent. Gloves.
Personal protection in case of a large spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure limits	Not available

9.0 Physical and Chemical

Physical state	Solid
Odor	Not available
Taste	Not available
Molecular weight	733.94 g / mole
Color	Not available
pH (1% soln / water)	Not available
Boiling point	Not available
Melting point	191° C (375.8° F)
Critical temperature	Not available
Specific gravity	Not available
Vapor pressure	Not applicable
Vapor density	Not available
Volatility	Not available
Odor threshold	Not available
Water / oil dist. Coeff.	Not available
Ionicity (in water)	Not available
Dispersion properties	Not available
Solubility	Very slightly soluble in cold water

10.0 Chemical Stability and Reactivity Information

Stability	The product is stable
Instability temperature	Not available
Conditions of instability	Not available
Incompatibility with various substances	Not available
Corrosivity	Non-corrosive in presence of glass
Special remarks on reactivity	Not available
Special remarks on corrosivity	Not available
Polymerization	No

11.0 Toxicological Information

Routes of entry	Eye contact. Inhalation. Ingestion.
Toxicity to animals	LD50 Not available LC50 Not available
Chronic effects on humans	The substance is toxic to blood, kidneys, lungs, liver, and mucous membranes
Other toxic effects on humans	Very hazardous in case of ingestion Hazardous in case of inhalation Slightly hazardous in case of skin contact (irritant, permeator)
Special remarks on toxicity to animals	Not available
Special remarks on chronic effects on humans	Human: passes through the placenta, excreted in maternal milk
Special remarks on other toxic effects on humans	Not available

12.0 Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of biodegradation	Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.
Toxicity of the products of biodegradation	The products of degradation are more toxic
Special remarks on the products of biodegradation	Not available

13.0 Disposal Considerations

Waste disposal

14.0 Transport Information

DOT classification	Not a DOT controlled material (U.S.A.)
Identification	Not applicable
Special provisions for transport	Not applicable

15.0 Regulatory Information

Federal and state regulations	TSCA 8(b) inventory: No products were found
Other regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)
Other classifications:	
WHMIS (Canada)	CLASS D-2A: Material causing other toxic effects (VERY TOXIC)
DSCL (EEC)	R36: Irritating to eyes
HMIS (U.S.A.):	Health hazard: 2 Fire hazard: 1 Reactivity: 0 Personal protection: E
National fire protection association (U.S.A.)	Health: 2 Flammability: 1 Reactivity: 0 Specific hazard:
Protective equipment	Gloves Lab coat Dust respirator. Be sure to use an approved / certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

16.0 Other Information

References	Not available
Other special considerations	Not available



For more information email info@puremash.com

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