

MSDS 7243

MATERIAL SAFETY DATA SHEET

Conforms to 29 CFR 1910.1200 (OSHA HAZARD COMMUNICATION STANDARD)

ATHEA LABORATORIES, INC.

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PRODUCT NAME: RUST CONVERTER

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SECTION I - PRODUCT IDENTIFICATION

Trade Names and Synonyms:

RUST CONVERTER

Chemical Name/Synonyms:

N/A

Chemical Family

CHEMICAL RUST TREATMENT

Formula: MIXTURE

NFPA HAZARD IDENTIFICATION SYSTEM**HAZARD RATING**

		4 - Extreme
HEALTH	2	3 - High
FLAMMABILITY	0	2 - Moderate
REACTIVITY	0	1 - Slight
		0 - Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	Approx. %	OSHA PEL	ACGIH TLV	CARCINOGENICITY			CAS No.
				NPI	IARC	OSHA	
Tannic Acid	<2.00	10 ppm	10 ppm	Y	Y	N	1401-55-4
Ethylene Glycol	<5.00	50 ppm	50 ppm	N	N	N	107-21-1
2-Butoxyethanol	<3.00	25 ppm	25 ppm	N	N	N	111-76-2

SECTION III - PHYSICAL DATA

Boiling Point (°F): 210-220

Vapor Pressure (mm Hg): NOT DET.

Vapor Density (air = 1): <1.0

Solubility in water: SOLUBLE

Appearance and Odor: BEIGE, OPAQUE EMULSION, BLAND ODOR.

Specific Gravity: 1.11

% Volatile (volume %): < 70.0

Evaporation Rate (water = 1): -1.0

pH: 1.50

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point (°F): NONE

(test method): CLOSED CUP

Flammable limits in air (volume %)

Upper: N/A Lower: N/A

Extinguishing media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Special fire fighting procedure: FIRE FIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual fire and explosion hazard: NONE

SECTION V - REACTIVITY DATA

Stability: STABLE

Conditions to avoid: NONE

Incompatibility: OXIDIZING AGENTS.

Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON AND CHLORINE.

Hazardous polymerization: WILL NOT OCCUR

Conditions to avoid: NONE

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SECTION VI - HEALTH HAZARD DATA

Threshold limit value: NOT ESTABLISHED

Primary Route(s) of Exposure: SKIN AND EYE CONTACT, INGESTION.

Effects of overexposure: **EYES:** SEVERE IRRITATION. **INGESTION:** GASTROINTESTINAL IRRITATION, NAUSEA, DIARRHEA. **SKIN:** PROLONGED OR PROLONGED CONTACT CAN LEAD TO MILD IRRITATION, FORMATION OF DARK COLORED STAINS.Emergency and first aid procedures: **EYES:** FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. **INGESTION:** GIVE AFFECTED PERSON SEVERAL GLASSES OF WATER AND INDUCE VOMITING. OBTAIN MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. **SKIN:** REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. WASH SKIN THOROUGHLY WITH SOAP AND WATER.**SECTION VII - SPILL OR LEAK PROTECTION**

Steps to be taken if material is released or spilled: SOAK UP ON ABSORBENT MATERIAL AND PLACE IN A PROPERLY LABELED CLOSED CONTAINER FOR DISPOSAL.

Waste disposal method: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: USE WITH ADEQUATE VENTILATION.

Ventilation: Local exhaust: RECOMMENDED

Mechanical: NOT REQUIRED

Protective gloves: RUBBER GLOVES

Eye protection: CHEMICAL GOGGLES

Other protective equipment: EMERGENCY SHOWER AND EYE WASH STATION.

SECTION IX - SPECIAL PROTECTION

Precautions to be taken in handling and storage: STORE IN A COOL DRY PLACE. DO NOT FREEZE. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

Other precautions: KEEP OUT OF REACH OF CHILDREN.

SECTION X - REGULATORY INFORMATION

DOT Proper Shipping Name: NONE

DOT Class: NONE

DOT ID Number: NONE

DOT Packaging Group: NONE

SARA/TITLE III - CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4): This product does contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304: Ethylene Glycol (CAS No. 107-21-1); 2-Butoxyethanol (CAS No 111-76-2) (GLYCOL ETHERS).SARA/TITLE III - List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355): This product does not contain an ingredient(s) listed as an extremely hazardous substance (EHS) for Emergency Planning under sections 302 and for Emergency Release Notification under section 304.SARA/TITLE III - List of Toxic Chemicals subject to Release Reporting (Community Right to know) (40 CFR 372): This product does contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313. Ethylene Glycol (CAS No. 107-21-1); 2-Butoxyethanol (CAS No 111-76-2) (GLYCOL ETHERS).

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