

Safety Data Sheet



LAWSON Products

Lawson LRC Rust Converter

SECTION I - IDENTIFICATION

PRODUCT NAME: Rust Converter **PRODUCT CODE:** 93855 **PRODUCT USE:** Rust Converter
COMPANY NAME: Lawson Products, Inc. **COMPANY ADDRESS:** 8770 W. Bryn Mawr Ave., Suite 900 Chicago, IL 60631
COMPANY PHONE: 773-304-5050 **EMERGENCY PHONE:** 888-426-4851

SECTION II – HAZARDS IDENTIFICATION

EMERGENCY CLASSIFICATION: Skin Irritant: Category 2

HAZARD STATEMENT: **WARNING:** causes skin irritation.



SYMBOL:

SECTION III – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
2-Butoxyethanol	111-76-2	1-5%
Tannic Acid	1401-55-4	3-7%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

NOTE TO PHYSICIAN: None

SECTION V – FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, (% BY VOLUME) **UPPER:** N/A **LOWER:** N/A

EXTINGUISHING MEDIA: ABC fire extinguisher. Large warehouse fires recommend foam or water mist.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL: Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area away from other chemicals. Gloves and clothing to cover exposed skin recommended when handling. Wash clothing after handling avoid extremes of cold and heat. Keep away from children.

OTHER PRECAUTIONS: Keep out of the reach of children. Follow label directions exactly. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Tannic Acid	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation suitable, forced ventilation should not be required

RESPIRATORY PROTECTION: Not required with normal use.

PROTECTIVE CLOTHING: Wear safety glasses and protective gloves.

ADDITIONAL MEASURES: Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

EXPOSURE GUIDELINES: Extremely Flammable

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Milky White liquid

ODOR THRESHOLD: Not known

BOILING POINT: > 212°F (100°C)

FLASH POINT: 65°F (18°C)

FLAMMABILITY HIGH: N/A

VAPOR DENSITY (AIR=1): 1

SPECIFIC GRAVITY (H₂O=1): 1.025 @ 77°F (25°C)

SOLIDS (%): 38%

VOLATILITY INCLUDING WATER (%): 60%

DIELECTRIC STRENGTH (Volts): N/A

VISCOCITY: Not tested

ODOR: Solvent

PHYSICAL STATE: Liquid

FREEZING POINT: Not Determined

FLAMMABILITY LOW: N/A

VAPOR PRESSURE (mm Hg): 23.8 @ 77°F (25°C)

EVAPORATION RATE: > 1

pH: <1

SOLUBILITY IN WATER: Non-soluble

VOLATILE ORGANIC COMPOUNDS (VOC): 1.8%

DECOMPOSITION TEMPERATURE: Not determined

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: Iron oxides and other metals

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Extremes of hot and cold.

INCOMPATIBILITY: Some plastics and painted surfaces, pre-test before using.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

HAZARDOUS POLYMERIZATION: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: 2-Butoxyethanol (111-76-2) LD₅₀ (Oral, Rat) 470 mg/kg; LC₅₀ (Inhalation, Rat, 4hr) 450 ppm; LD₅₀ (Dermal, Rabbit) 220 mg/kg Propane/n-Butane (68476-86-8) LC₅₀ (Inhalation, Rat, 4hr) 685 mg/m³

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Redness, irritation, causes temporary corneal opacity.

INGESTION: Nausea.

INHALATION: Harmful if inhaled.

SKIN: May cause mild irritation, dryness with prolonged or repeated contact.

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MEDICAL CONDITION AGGRAVATED: None known**CHRONIC HEALTH HAZARDS:** None known**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No**SECTION XII – ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:** 2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.**BIODEGRADABILITY:** Component or components of this product are not biodegradable.**BIOACCUMULATION:** This product is not expected to bioaccumulate.**SOIL MOBILITY:****OTHER ECOLOGICAL HAZARDS:****SECTION XIII – DISPOSAL CONSIDERATIONS****WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).**SECTION XIV - TRANSPORTATION INFORMATION****PROPER SHIPPING NAME:** Corrosive Liquid, N.O.S.**HAZARD CLASS/DIVISION:** 8.1**UN/NA NUMBER:** UN 1760**PACKAGING GROUP:****AIR SHIPMENT****PROPER SHIPPING NAME:** Corrosive Liquid, N.O.S.**HAZARD CLASS/DIVISION:** 8.1**UN/NA NUMBER:** UN 1760**SHIPPING BY WATER:****VESSEL (IMO/IMDG)****PROPER SHIPPING NAME:** Corrosive Liquid, N.O.S.**HAZARD CLASS/DIVISION:** 8.1**UN/NA NUMBER:** UN 1760**ENVIRONMENTAL HAZARDS WATER:****SECTION XV - REGULATORY INFORMATION****TSCA STATUS:** All Chemicals are listed or exempt.**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None**CLEAN WATER ACT:** None**STATE REGULATIONS:** This product contains no known chemicals regulated by California's proposition 65.**2-Butoxyethanol (111-76-2) RTK:** NJ, MA, PA**NFPA HEALTH:** 1**HMIS HEALTH:** 1**NFPA FLAMMABILITY:** 0**HMIS FLAMMABILITY:** 0**NFPA REACTIVITY:** 0**HMIS REACTIVITY:** 0**NFPA OTHER:** N/A**HMIS PROTECTION:** B**SECTION XVI - ADDITIONAL INFORMATION****PREPARATION BY:** Maureen Ruggeberg, Regulatory Affairs Specialist**DATE PREPARED:** 12/04/2013**REVISION DATE:** 12/04/2013

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