Corrosion Technologies
2638 National Drive
Garland, TX 75041
(972) 271-7361 Fax: (972) 278-9721

Rust Reconverter LT
Safety Data Sheet

1. IDENTIFICATION

1.1 Product Identifier

Product Name: **Rust Reconverter LT™**
Product Numbers: 75641, 75643
Synonyms: Not applicable
SDS Number: Not applicable
Issue Date: September 10, 2015
Version Number: AGHS7
Revision Date: 16 December 2021

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses: Rust converter coating
Uses advised against: Other uses are not recommended unless an assessment is completed, prior to commencement of that use, which demonstrates that the use will be controlled.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Corrosion Technologies
2638 National Drive, Garland, TX 75041
Telephone: 972-271-7361
Fax: 972-278-9721
Email: info@corrosionx.com
Website: www.corrosionx.com
Distributor in Australia: Applied Industrial Technologies Pty Ltd
22 Stamford Road
Oakleigh VIC
Australia 3166
PO Box 1011, Huntingdale VIC 3166
Tel: +613 9567 8700
AH: +61 427 740 927
Fax: +613 9567 8733

Emergency Telephone: CHEMTREC® USA (800) 424-9300
Outside US +1 (703) 527-3887
Poisons Information Centre: Australia: 13 11 26

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazard(s)
Eye Irritation Category 2
Physical Hazard(s)
None
Hazard(s) not otherwise classified
None

Labeling

Signal Word: **WARNING**
Pictograms: Exclamation

Statements of Hazard
Hazard Statements
Causes eye irritation
Precautionary Statements
Wash thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Ammonium nonoxynol-4-sulfate	9051-57-4	1-3*
2-Butoxyethanol	111-76-2	1-5*

* Exact percentage of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General Advice: Causes eye irritation. May be absorbed through the skin; avoid contact. Do not swallow. Avoid breathing vapor or mist. Keep container closed.
Inhalation: Remove person to fresh air and keep comfortable for breathing. If unwell; get medical advice.
Skin Contact: Flush skin with plenty of water. Remove contaminated clothing. If skin irritation develops; get medical advice.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists; get medical advice.
Ingestion: Rinse mouth. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless advised to do so by a doctor or poison control center. If unwell; get medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Product does not support combustion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Suitable: Carbon Dioxide, Dry Chemical, and Foam

Unsuitable: Alcohol, Alcohol based solutions

Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire-exposed containers with water spray.

Unusual Fire and Explosion Hazards: None known.

Hazardous Combustion/ Decomposition Products: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures: Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment.

Methods and materials for containment and cleaning up: Dike and contain spills with inert absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer liquid to plastic containers. Do not store or dispense into metal containers; especially aluminum. Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for recovery or disposal according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING

Precautions for Safe Handling: Avoid skin and eye contact. Use with adequate ventilation. Avoid breathing vapor and mist. Follow all SDS/label precautions.

STORAGE

Conditions to avoid: Store in a cool, dry, well-ventilated place in the original container. Keep container closed when not in use. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

	ACGIH		OSHA			
Component	**TLV ppm**	**TLV mg/m3**	**PEL ppm**	**PEL mg/m3**	**STEL ppm**	**STEL mg/m3**
2-Butoxyethanol	20 (Skin)	-	50	240	-	-
Tannic Acid	-	-	-	-	-	-

Engineering Controls: Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal Protection

Respiratory Protection: None required under normal use conditions. In case of insufficient ventilation, wear a suitable NIOSH approved air purifying respirator.

Hand / Skin Protection: Wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent of exposure.

Eye / Face Protection: Safety glasses with side-shields.

General Hygiene Measures: Avoid eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use. An eyewash station and washing facilities should be readily accessible to the area of use. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque
Physical State:	Semi-viscous liquid
Odor:	Bland
Color:	White
Viscosity, cSt @ 40°C:	Not established
cSt @ 100°C:	Not established
pH:	<2
Boiling Point/ Range:	>200°F / 93°C
Melting Point:	>32°F / 0°C
Flash Point:	Non-flammable
Method:	Not applicable
Lower Explosive Limit, vol %:	Not applicable
Upper Explosive Limit, vol %:	Not applicable
Autoignition Temperature:	Not applicable
Percent Volatile by volume:	62
Vapor Density (Air=1):	1
Evaporation Rate (BuAc= 1):	<1
Vapor Pressure, mmHg @23°C:	23.8
Solubility in water:	Complete
Octanol/Water Partition:	
2-butoxyethanol Kow	0.81
VOC Content (g/L) (%):	20 (2)
Specific Gravity @15.6°C:	1.025
Pour Point:	>32°F / 0°C
Percent non-volatile by Volume:	38
Dielectric Strength:	Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperatures.

Conditions to Avoid: Avoid temperature extremes. Do not allow to freeze.

Hazardous Polymerization: Will not occur.

Materials to Avoid: Strong oxidizing agents and alkalies.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information: Not established

Ingredient Information

2-Butoxyethanol: Orl-rat LD50 - 470 mg/kg, Skn-rbt LD50 - 220 mg/kg, Inl-rat LC50 - 450 ppm 4 h

Tannic Acid: Orl-rat LD50 - 2260 mg/kg

Acute Effects

Signs and Symptoms of Overexposure: Eye **i**rritation, Coughing, Sneezing

Inhalation: Vapor and mist may cause respiratory irritation with nasal discomfort and discharge, coughing and sneezing.

Skin Contact: May cause darkening of the skin. May be absorbed through skin in harmful amounts.

Eye Contact: May cause tearing, redness, pain, and swelling of the conjunctiva.

Ingestion: May cause nausea, vomiting and diarrhea.
Primary Route(s) of Exposure: Eyes, Skin, Inhalation
Primary Route(s) of Entry: Inhalation, Ingestion, Skin absorption
Target Organs: Liver, kidneys, lymphatic system, skin, blood, eyes, CNS, respiratory system
Chronic Effects: 2-Butoxyethanol Target Organ Effects: liver, kidneys, lymphatic system, skin, blood, eyes, CNS, respiratory system
Carcinogenicity: 2-Butoxyethanol: ACGIH A3 IARC Group 3: Not classifiable as to its carcinogenicity to humans
Medical Conditions Aggravated by Exposure: May aggravate existing skin, eye and respiratory conditions including asthma and dermatitis.

12. ECOLOGICAL INFORMATION

Product Data: Not established
Ingredient Data
2-Butoxyethanol: Toxicity to Fish LC50 = 1490 mg/L Lepomis macrochirus 96 h, Water Flea EC50 1698 - 1940 mg/L 24 h Daphnia magna, 1000 mg/L 48 h Daphnia magna
Tannic Acid: Toxicity to Fish LC50 = 37 mg/L Gambusia affinis 96 h
Elimination Information: 2-Butoxyethanol: log Kow 0.81

13. DISPOSAL CONSIDERATIONS

Product: Dispose of in accordance with applicable regulations.
Container: Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Road Transport
Description: Cleaning Compound N.O.S., Non Regulated
Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. For transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed.

Australian Dangerous Goods Code (ADG) - Road/Rail
Transport hazard class(es) Not regulated as dangerous goods.
Hazchem Code: Not applicable
International Air Transport Association (IATA) – Air Transport
Transport hazard class(es) Not regulated as dangerous goods.
International Maritime Dangerous Goods Code (IMDG) – Marine Transport
Transport hazard class(es) Not regulated as dangerous goods.
Environmental hazards: Marine Pollutant: No
Transport in bulk according to Annex II of MARPOL and the IBC Code: Not intended to be transported in bulk.

15. REGULATORY INFORMATION

U.S. Federal Regulations
Toxic Substances Control Act (TSCA): All components are included on the Inventory
Superfund Amendments and Reauthorization Act (SARA) Title III:

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
Yes	No	No	No	No

Safety, Health and Environmental Regulations/Legislation for the Substance or Mixture
Substances that deplete the ozone layer None
Persistent Organic Pollutants: None
Australia
This material is considered hazardous according to Australia Model Work Health and Safety Regulations.
This material is not regulated according to Australian Dangerous Goods Code.
Australian Inventory of Industrial Chemicals (AICIS) Listing: The chemical components contained within this product are listed on the Australian Inventory of Industrial Chemical and are in compliance with the requirements of the Industrial Chemicals Act 2019 as amended.
Poison Schedule: A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
New Zealand
Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.
New Zealand
HSNO classification: 6.4A
HSNO Group Standard: Corrosion Inhibitors (Subsidiary Hazard) Group Standard 2020 - HSR002549

16. OTHER INFORMATION

Prepared by: Corrosion Technologies Technical Services Department

National Fire Protection Association (704)
Health: 1 Flammability: 0 Reactivity: 0 Other: -

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are

described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: Corrosion Technologies, (972) 271-7361.