

SDS SAFETY DATA SHEET

ESGARD



ESGARD RUST CONVERTER

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: ESGARD RUST CONVERTER
SDS Number: ESGARD RUST CONVERTER
Product Code: N/A
Revision Date: 06/01/2015
Version: 1
CAS Number: 7664-38-2
Chemical Formula: *** PROPRIETARY ***
Product Description: RUST CONVERTER
Product Use: RUST CONVERTER IS A LIQUID ZINC PHOSPHATE SOLUTION THAT PROMOTES CORROSION INHIBITION AND CONVERTS RED RUST (FERROUS OXIDE) TO THE MORE STABLE BLACK RUST (FERRIC OXIDE).
Supplier Details: ESGARD
515 DEBONNAIRE ROAD
SCOTT, LOUISIANA 70583
Contact: ROBERT SAWVEL (PRESIDENT)
Phone: 337-234-6327
Fax: 337-234-0113
Email: ROBERT@ESGARD.COM
Web: HTTPS://WWW.ESGARD.COM

HAZMAT & 24 HOUR CONTACT INFORMATION
CHEMTREC - 1 (800) 424-9300

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Health, Skin corrosion/irritation, 1 B

GHS Label elements, including precautionary statements

GHS Hazard Pictograms:



GHS Hazard Statements:

H314 - Causes severe skin burns and eye damage

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P404 - Store in a closed container.
P411 - Store at temperatures not exceeding 100°F (35° C)

Hazards not otherwise classified (HNOC) or not covered by GHS

Inhalation: Significant levels of vapor not likely to occur with normal use of product.
Skin Contact: May cause irritation, tearing and redness.
Eye Contact: May cause irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Hazardous component: 7664-38-2

Cas#	%	Chemical Name
7664-38-2	20-40%	Phosphoric acid

4 FIRST AID MEASURES

- Inhalation:** Not a direct hazard if product is applied as recommended and used for intended purposes. If respiratory symptoms should develop move personnel away from source of exposure and into fresh air.
- Skin Contact:** Wipe excess material from skin with a cloth. Wash contaminated area of skin with a waterless skin cleanser once all product is removed wash with soap and water. Should a waterless skin cleanser not be available wash skin for a minimum of 15 minutes with soap and water.
- Eye Contact:** Flush with large amounts of water for a minimum of 15 minutes. If irritation persists seek medical attention immediately.
- Ingestion:** Not a direct hazard if product is applied as recommended and used for intended purposes. If ingestion should occur seek medical attention immediately.

5 FIRE FIGHTING MEASURES

- Flammability:** Will not readily ignite. Corrosive.
- Flash Point:** Not applicable
- Flash Point Method:** Not applicable
- Extinguishing Media:** Extinguish with dry chemical, CO₂, water spray, foam, sand, and/or earth. Water and foam may cause frothing.
- Special Considerations:** Fire fighters should enter area wearing positive pressure respiratory protection.

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** No action should be taken that may involve personal risk. In the event of a spill immediately contact upper management for final instructions. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled materials. No smoking. Shut off and keep spilled product away from all possible ignition sources. Avoid breathing and vapor or mist that may be produced. Ensure proper ventilation. Don appropriate personal protective equipment before proceeding with any cleanup (**See section 8**).
- Environmental Precautions:** Avoid dispersal of spilled material and runoff from contacting soil, waterways, drains, and sewers. Inform all relevant authorities if the product has caused environmental pollution to sewers, waterways, soil, air, etc.
- Spill containment and clean up:** Consult with management or proper authority to determine if cleanup may be conducted safely. Avoid the use of any high powered or jet water stream that may spread the product. After donning proper personal protective equipment (**See section 8**) transfer bulk of material into another container. Dilute with water and mop up if product is water-soluble if not absorb any remaining residue with proper absorbents such as earth or vermiculite. Do not use any combustible material as an absorbent. Sweep up and dispose of as solid waste in accordance with applicable federal, state, and local regulations. Contact a certified/licensed waste disposal company for proper disposal of waste. Absorbent material may pose the same hazard (if any) as the spilled product.

See Section 1 for emergency contact information and Section 13 for waste disposal.

7 HANDLING AND STORAGE

- Handling Precautions:** Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Keep away from sources of ignition.
- Storage Requirements:** Storage Temperature: 0-100°F (-18 -35° C)

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Provide forced air ventilation when applying in confined spaces.
Personal Protective Equipment:	HMIS PP, C Safety Glasses, Gloves, Apron Respiratory Protection: Unlikely to be necessary. Use approved chemical filter respirator. Eyes: Use of safety glasses or chemical eye goggles is suggested. Hands: Use of non-natural and non-butyl rubber gloves is recommended. Skin: Use protective clothing. Use of pants, long sleeve shirt, and apron recommended when applying product
Exposure Limits:	Not determined.

Always practice good hygiene. Remember chemicals can transfer from your hands to things that may cause ingestion of product, e.g., food, cigarettes, etc. Always wash hands and skin thoroughly after coming into contact with product even if proper personal protective equipment was used.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Odor:	Mild
Physical State:	Liquid	Solubility:	Not water soluble
Spec Grav./Density:	(25°C): 1.18	Freezing/Melting Pt.:	Not determined
Boiling Point:	> 300°F (148°C)	Flash Point:	Not applicable
Vapor Pressure:	Not determined	VOC:	97 g/l (0.81 lbs/gal)
pH:	7.5		
Volume Solids:	62%		

10 STABILITY AND REACTIVITY

Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Exposed flames; high temperature sources; strong oxidizers
Materials to Avoid:	Strong Oxidizing Agents.
Hazardous Decomposition:	Combustion can produce a variety of compounds including oxides of sulfur, oxides of carbon, water vapor, and unidentified organic and inorganic compounds - some of which may be toxic.

11 TOXICOLOGICAL INFORMATION

LD50 (Animal/Oral): No data available

Possible Health Effects:

Eyes - Mildly irritating

Skin - Prolonged contact may cause skin irritation

Inhalation - Product is unlikely to present any significant hazard during normal of product use at ambient temperature. Should product be sprayed and inhaled due to the lack of personal protective gear or proper ventilation pulmonary abnormalities could occur.

Ingestion - Ingestion of this product is not a health hazard likely to arise when using and applying product correctly and for intended use.

12 ECOLOGICAL INFORMATION

No data available

13 DISPOSAL CONSIDERATIONS

Product, waste, and any materials that may have been used if a spill occurred should be disposed of via an authorized waste disposal contractor in accordance with all local, state, and federal regulations. You may call Esgard to discuss the possibility of returning waste, expired product, and contaminated materials to Esgard for a fee.

14 TRANSPORT INFORMATION

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REGULATORY INFORMATION

Component (CAS#) [%] - CODES

RQ(5000LBS), Phosphoric acid (7664-38-2) [20-40%] CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TSCA, TXAIR

Regulatory CODE Descriptions

RQ = Reportable Quantity
 CERCLA = Superfund clean up substance
 CSWHS = Clean Water Act Hazardous substances
 EPCRAWPC = EPCRA Water Priority Chemicals
 MASS = MA Massachusetts Hazardous Substances List
 NJHS = NJ Right-to-Know Hazardous Substances
 OSHAWAC = OSHA Workplace Air Contaminants
 SARA313 = SARA 313 Title III Toxic Chemicals
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level

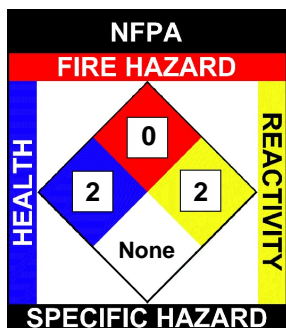
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OTHER INFORMATION

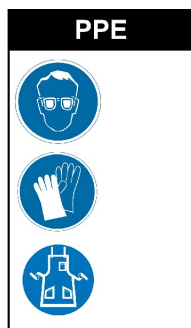
NFPA: Health = 2, Fire = 0, Reactivity = 2, Specific Hazard = None

HMIS III: Health = 2, Fire = 0, Physical Hazard = 0

HMIS PPE: C - Safety Glasses, Gloves, Apron



HMIS	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C



General Safety: Anyone can fall into a container and drown - drowning can occur in a very small amount of water or product that covers the mouth and/or nose. Keep product out of reach of children and dispose of container properly (as discussed in section 13) when empty or there is no longer a need for the use of this product.

Do not mix with other chemicals

This data sheet does not constitute as an assessment of the workplace risks as required under the provisions of the Health & Safety at Work Act and the Control of Substances Hazardous to Health. (COSHH)

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

All information contained within this data sheet is not claiming characteristics of the product in term of legal claims of performance / guarantee.

All information contained within this data sheet only describes safety measures and no liability may arise from the use or application of the product described herein.

All information contained within this data sheet is given in good faith and based on our current knowledge of the product.

FOR INDUSTRIAL USE ONLY! CORROSIVE!**Author:** Suzanne Lajaunie**Publication Date:** June 01, 2015**Revision No.:** 01