

SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

Product Name: Epochem 430 Rust Remover

Product code: Epochem 430

Manufacturer: Epoxy Oilserv Ltd

Email: sales@epoxyoil.com, www.epoxyoil.com

Tel: Tel:+234-80-533-90-165, +234-80-533-90-164,
+234-70-58-465-968

HAZARDS IDENTIFICATION

Classification

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute
toxicity, 4 Oral

Health, Acute
toxicity, 4 Dermal

Health, Serious Eye Damage/Eye Irritation, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:**GHS Hazard Statements:**

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H318 - Causes serious eye damage

GHS Precautionary Statements:

-

P264 - Wash thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+352 - IF ON SKIN: Wash with soap and water.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes

. Remove contact lenses if present and easy to do.

Continue rinsing.

P363 - Wash contaminated clothing before reuse.

Route of Entry: Eyes, Skin, Inhalation:

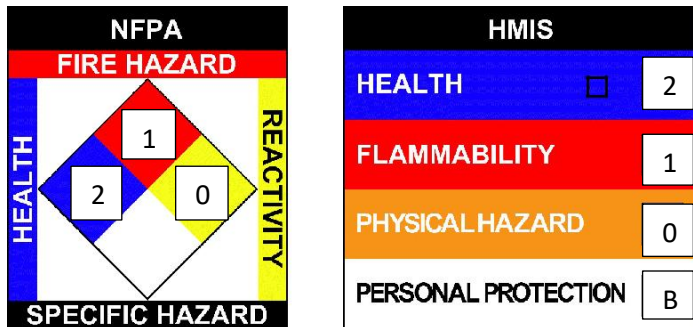
Eyes; Skin; Respiratory system;

Can cause irritation and inflammation of the respiratory tract.

Irritating to skin; may cause burns, blisters and itching.

Irritating to eyes, eye damage may occur.

Irritating to intestinal tract; may cause burns, vomiting, stomach pain, and disorientation



NFPA:

HMIS III:

HMIS PPE:

Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = n/a

Health = 2, Fire = 1, Physical Hazard = 0

B - Safety Glasses, Gloves

COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
------	---	---------------

144-62-7	8%	Oxalic acid (as dihydrate)
112-34-5	3%	Diethylene glycol monobutyl ether
7664-38-2	5%	Phosphoric acid

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

FIRST AID MEASURES

- Inhalation:** Remove from exposure and get fresh air. Keep warm and at rest. Get medical attention immediately if artificial respiration is required.
- Skin Contact:** Remove contaminated clothing, jewelry and shoes immediately. Flush affected area with large amounts of water, then use soap or mild detergent and large amounts of water for 15-20 minutes to cleanse area. If skin is severely irritated or burned, get medical attention immediately.
- Eye Contact:** Immediately flush eyes with large amounts of water occasionally lifting upper and lower lids for at least 15 minutes. Get immediate medical attention.
- Ingestion:** Rinse mouth with water. DO NOT INDUCE VOMITING unless instructed to by medical personnel. If vomiting occurs keep head lower than hips to help prevent aspiration. If person is unconscious, do not induce vomiting; turn their head to the side. Never make an unconscious person vomit or drink fluids. Get medical attention

FIRE FIGHTING MEASURES

Flash Point: 100 °C / 212 °F

Flash Point

Method: Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

ACCIDENTAL RELEASE MEASURES

Isolate area; keep unnecessary personnel away. Do not discharge into drains. Ventilate closed spaces before entering. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Wear appropriate protective equipment and clothing during cleanup. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

HANDLING AND STORAGE

Handling Precautions: Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Keep container closed. Promptly clean up spills. Wash thoroughly after handling.

Storage Requirements: Store out of reach of children; keep container closed; store in a cool, well-ventilated place.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Personal Protective HMIS PP, B | Safety glasses, Gloves

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque off-white

Physical State: Liquid

Odor: Sassafras

Spec

Grav./Density: 8.82 lb/gal

Solubility: Soluble

pH: 1.5 - 2.5

STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions

Conditions to Avoid: None known

Materials to Avoid: Strong oxidizing or alkaline materials

Hazardous Decomposition: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Hazardous Polymerization: Will not occur.

TOXICOLOGICAL INFORMATION

Toxicity Data: Oxalic Acid 144-62-7

Oral (LD 50): Not listed on RTECS Intraperitoneal (injection) 270 mg/kg - Mouse Inhalation (LC 50): Not listed on RTECS Skin irritation: Mild

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

Diethylene glycol butyl ether 112-34-5

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

Phosphoric Acid 7664-38-2

Oral (LD 50): 1200 mg/kg - Rat

Inhalation (LC 50): 25.5 mg/m³ - rat

Skin irritation: Severe

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed

DISPOSAL CONSIDERATIONS

Recommendation: Consult with the disposal agency and the relevant authorities. Empty containers may be cleaned with water.

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Oxalic acid (as dihydrate) (144627 8%) MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

*Diethylene glycol monobutyl ether (112345 3%) TSCA, WHMIS

*Phosphoric acid (7664382 5%) CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TSCA,

TXAIR, WHMIS

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

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

OSHAWA

C = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

SARA313 = SARA 313 Title III Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level

OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to

its use in combination with other materials, products, chemical compounds, structures or processes