



D3-EMULSION REMOVER CONCENTRATE

1 Identification

GHS Product Identifier

EMULSION REMOVER CONCENTRATE

Supplier's details

D3 Industrial Products
11968 Monarch Street
Garden Grove, Ca. 92841
714-892-1999

Emergency phone number

24 Hr Hotline: 800-255-3924
International: 813-248-0585

2 Hazard(s) identification

Classification of the substance or mixture

Oxidizer

GHS label elements

Warning



Other hazards which do not result in classification

If possible and safe, remove combustibles from area of fire. Keep product containers wet or cool to prevent combustion during fire.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
SODIUM METAPERIODATE			98 - 100	

4 First-aid measures

Description of necessary first-aid measures

Eye Contact: Immediately flush eyes, carefully lifting upper and lower lids to wash away chemical, perform at least 15 minutes. Get medical attention.

Inhalation: Move from area of exposure to area with fresh air. If breathing has stopped, perform artificial respiration. Give oxygen if necessary. Keep affected person warm and calm. Get medical attention.

Ingestion: Conscious victim: Drink 2-4 glasses water, and induce vomiting. Get medical attention.
Unconscious victim: Seek immediate medical attention.

Skin Contact: Remove any contaminated clothing and shoes. Use large quantities of water to completely rinse skin at 15 minutes, until all chemical residue are removed.

5 Fire-fighting measures

Suitable extinguishing media

Water, dry chemical, foam.

Specific hazards arising from the chemical

Oxidizing agent. Can and will accelerate combustion of flammable materials

6 Accidental release measures

Methods and materials for containment and cleaning up

Keep combustibles such as wood, paper, oil, etc. away from spill. Wear appropriately protective clothing when cleaning up spill. Use a non-combustible material (vermiculite, sand, etc) to soak up or dilute spilled product.

Place spilled material in properly labeled drum. After spill is removed completely flush area with water.

7 Handling and storage

Precautions for safe handling

Store in cool area away from combustibles and heat source

8 Exposure controls/personal protection

Individual protection measures

Respiratory Protection (specify type) NIOSH/MSHA- approved high efficiency respirator when dust is being generated.

Ventilation: Use only with adequate ventilation.

Protective Gloves: Chemically resistant gloves must be worn.

Eye Protection: Safety glasses with side shields recommended

Other Protective: Apron or similar garment to protect skin from product contact.

Work/Hygienic practices: Wash hands after using, and before smoking or using toilet.

9 Physical and chemical properties

Physical and chemical properties

Melting Point: N/A Specific Gravity: N/A

Vapor Pressure: N/A Melting Point: Appx 300* C

Evaporation Rate: N/A Vapor Density: N/A

Solubility in Water: Highly soluble Pounds / Gal: N/A

Appearance: White granular particles Odor: Odorless

10 Stability and reactivity

Chemical stability

STABLE

Conditions to avoid

Heat greater than 300 C

Incompatible materials

Combustibles, reducing agents, organics. Can react violently with organics, finely powdered metals, magnesium, and ammonium perchlorate.

Hazardous decomposition products

Toxic iodine fumes, hydrogen iodide, oxides of sodium.

11 Toxicological information

Toxicological (health) effects

Acute Health

Effects

Eye Contact: Causes eye irritation

Inhalation: Do not inhale. Can cause fatal muscle spasms

Ingestion: Harmful if ingested

Skin Contact: Causes skin irritation

Signs and Symptoms of Exposure: Burning sensation to eyes, skin, mucous, membranes coughing, difficulty breathing, burns, headache, vomiting

Aggravated Medical Conditions: N/A

Supplemental Health Info: None Know

12 Ecological information

Toxicity

Chemical Name Fish 96 hour LC50 Fish 96 hour LC50 Fish Chronic NOEC

Santowhite crystals 0.325 mg/L 0.6 mg/L N/E

tert-Dodecyl mercaptan LL50=>100 mg/L >water solubility N/E

Ammonium hydroxide 8.2 mg/L N/E N/E

Chemical Name Invertebrates 48 hour EC50 Invertebrates 24 hour EC50 Invertebrates Chronic NOEC

Santowhite crystals 1.75 mg/L N/E N/E

tert-Dodecyl mercaptan >water solubility (EC50>0.056 mg/L)

3.9 mg/L >water solubility (NOEC=0.0108

mg/L, 21 days)

Ammonium hydroxide 0.66 mg/L N/E N/E

Chemical Name Algae 96 hour EC50 Algae 72 hour EC50 Algae Chronic NOEC

Santowhite crystals 315 mg/L (cell count) N/E N/E

tert-Dodecyl mercaptan N/E EL50: >100 mg/L 3.2 mg/L (72 hours)

Ammonium hydroxide N/E N/E N/E

Persistence and degradability

Chemical Name Biodegradation

Santowhite crystals Not readily biodegradable

tert-Dodecyl mercaptan Not readily biodegradable (OECD 301D)

Ammonium hydroxide Readily biodegradable

Bioaccumulative potential

Chemical Name Bioconcentration Factor (BCF) Log Kow

Santowhite crystals N/E N/E

tert-Dodecyl mercaptan >500-<1950 (Danio rerio) >6.2

Ammonium hydroxide N/E N/E

Other adverse effects

No additional information available.

13 Disposal considerations

Disposal methods

Waste is hazardous.

Follow local, state and federal regulations and dispose of accordingly.

14 Transport information

UN Number

N/A

UN Proper Shipping Name

NOT REGULATED

Transport hazard class(es)

U.S. DOT hazard class: N/A

Canada TDG hazard class: N/A

Europe ADR/RID hazard class: N/A

IMDG Code (ocean) hazard class: N/A

ICAO/IATA (air) hazard class: N/A

Packing group, if applicable

N/A

Environmental hazards

Marine pollutant: Not Applicable

Hazardous substance (USA): Not Applicable

Special precautions for user

N/A

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Tert-Dodecyl mercaptan Category X

Ammonium hydroxide Category Y (<=28%)

15 Regulatory information

Safety, health and environmental regulations specific for the product in question

EU Authorizations and/or restrictions on use: Not Applicable

Other EU information: No Additional Information

National regulations: No Additional Information

16 Other information

Other information

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.