

Return - Pump Croda

CRODA

Material Safety Data Sheet

CRODAFOS™ O3D-LQ-(MH)

Version 1

Revision Date 2012 07.11

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CRODAFOS™ O3D-LQ-(MH)
Product number : PT43032
Product Use Description : Personal care
INCI Name : DEA-Oleth-3-Phosphate

Company : Croda Inc.
300-A Columbus Circle
Edison, NJ 08837-3907

Telephone : (732) 417-0800 (Mon.-Fri., 9:00 AM - 5:00 PM EST)
Telefax : (732) 417-0804
Emergency telephone : 24 Hour Emergency Response Information
CHEMTREC 1-800-424-9300 (toll free)
1-703-527-3887 (direct / international)

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING
Hazard Summary : IRRITATING TO EYES.
IRRITATING TO SKIN.

Potential Health Effects

Eyes : Causes eye irritation.
Skin : Causes skin irritation.
Ingestion : May be harmful if swallowed.
Inhalation : May cause respiratory tract irritation.
Chronic Exposure : This product contains Diethanolamine (CAS#111-42-2) an IARC Group 2B Carcinogen.

Form : viscous liquid
Color : off-white yellow

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Percent (%)
Diethanolamine Phosphate Ester	58855-63-3	98 - 100
Diethanolamine	111-42-2	0 - 2

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SECTION 4. FIRST AID MEASURES

- Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
- Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- Ingestion : If large quantities of this material are swallowed, call a physician immediately.
- Inhalation : If breathed in, move person into fresh air. If symptoms persist, call a physician.

SECTION 5. FIRE-FIGHTING MEASURES

- Flash point : >100 °C (212 °F)
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Standard procedure for chemical fires.
Use a water spray to cool fully closed containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.
- Methods for cleaning up : Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal.
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE

- Handling : Avoid contact with skin, eyes and clothing.
Handle in accordance with good industrial hygiene and safety practice.
Wear personal protective equipment.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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Requirements for storage areas and containers : Store in original container.
Keep container tightly closed in a dry and well-ventilated place.

Other data : Stable at normal ambient temperature and pressure.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines****Ingredients with workplace control parameters**

Ingredients	CAS-No.	Value	Control parameters	Update	Basis
Diethanolamine	111-42-2	TWA	3 ppm 15 mg/m ³	1989-01-19	OSHA P0
		TWA	1 mg/m ³	2010-03-01	ACGIH
		TWA	3 ppm 15 mg/m ³	2005-09-01	NIOSH REL

Personal protective equipment

Eye protection : Tightly fitting safety goggles

Hand protection : Impervious gloves

Skin and body protection : Impervious clothing

Respiratory protection : No personal respiratory protective equipment normally required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : viscous liquid
Color : off-white yellow
Odor : no data available
Odor Threshold : no data available
Flash point : >100 °C (212 °F)
pH : 6.0 - 7.0
Melting point : no data available
Boiling point : no data available
Density : no data available
Bulk density : no data available
Water solubility : soluble

Values are not product specifications.

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.
Conditions to avoid : None known.
Hazardous reactions : Do not use in formulas containing nitrosating agents May form nitrosamines.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 mouse
10.3 ml/kg
Eye irritation : rabbit
Method: Draize Test
Result: Mild eye irritation
Skin irritation : rabbit
Method: Draize Test
Result: Mild skin irritation
Humans
Method: Patch Test on humans.
Result: Mild skin irritant
Sensitization : Humans
Result: Causes sensitization.
Method: Patch Test on humans.

Carcinogenicity:

IARC	Diethanolamine 111-42-2	Group 2B : Possibly Carcinogenic to Humans
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SECTION 12. ECOLOGICAL INFORMATION

Biodegradability : No information available.

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SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal Method : Dispose of in accordance with local regulations.
- Container Disposal : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

- Department of Transportation: Regulated only when the RQ is met or exceeded.
- Diethanolamine 100lb RQ : 45.4 kg RQ

SECTION 15. REGULATORY INFORMATION**Notification status**

- TSCA : This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated. For FDA uses only.
- DSL : All components of this product are on the Canadian DSL list.
- REACH : On the inventory, or in compliance with the inventory
- AICS : On the inventory, or in compliance with the inventory
- NZIoC : On the inventory, or in compliance with the inventory
- IECSC : On the inventory, or in compliance with the inventory
- ENCS : Not in compliance with the inventory
- KECI : Not in compliance with the inventory
- PICCS : On the inventory, or in compliance with the inventory
- SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:
- | | | |
|---|--------------------------|------------|
| SARA 313 Ingredients | : Diethanolamine | 111-42-2 |
| SARA 311/312 Hazards | : Acute Health Hazard | |
| Massachusetts Right To Know Ingredients | : Diethanolamine | 111-42-2 |
| | 1,4-dioxane | 123-91-1 |
| | ethylene oxide | 75-21-8 |
| Pennsylvania Right To Know Ingredients | : DEA-Oleth-10 Phosphate | 58855-63-3 |

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	Diethanolamine	111-42-2
	1,4-dioxane	123-91-1
New Jersey Right To Know Ingredients	: DEA-Oleth-10 Phosphate	58855-63-3
	Diethanolamine	111-42-2
California Prop. 65 Ingredients	: WARNING! This product contains a chemical known in the State of California to cause cancer.	
	Diethanolamine	111-42-2
	ethylene oxide	75-21-8
	1,4-dioxane	123-91-1
	WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.	
	ethylene oxide	75-21-8
WHMIS Classification	: D2A Very Toxic Material Causing Other Toxic Effects D2B Toxic Material Causing Other Toxic Effects	

SECTION 16. OTHER INFORMATION

HMIS Classification : Health Hazard: 2
Flammability: 1
Reactivity: 0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazard or risks. HMIS® is a registered trademark of the National Paint and Coatings Association.

NFPA : Health Hazard: 2
Fire: 1
Reactivity: 0

This information is intended solely for the use of individuals trained in the particular hazard rating system. Additional information regarding the NFPA rating system is available from the National Fire Protection Agency at www.nfpa.org.

Further Information

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representation or warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties or merchantability, fitness for a particular purpose, non-fringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and designs. Any trademarks identified herein are trademarks of the Croda group of companies.

Prepared by: : Product Safety and Regulatory Affairs Department

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