

CROTHIX™ LIQUID-LQ-(MH)

Version 1.3

Revision Date 07/15/2016

Print Date 07/28/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CROTHIX™ LIQUID-LQ-(MH)
Product code : ES43344
INCI : PEG-150 Pentaerythrityl Tetrastearate (AND) PEG-6
Caprylic/Capric Glycerides (AND) Water
Chemical Name : Ethoxylated Fatty Ester blend

Manufacturer or supplier's details

Company : Croda Inc
Address : 300 A Columbus Circle
Edison, NJ 08837-3907
Telephone : (732) 417-0800
Telefax : (732) 417-0804

Emergency telephone : USA: 24 Hour Emergency Response Information CHEMTREC
toll free: 1-800-424-9300; direct/international: 1-703-527-3887.
CANADA: Quantum Murray (spill response)1-877-378-7745.
CANADA: CANUTEC(collect) 1-613-996-6666. EUROPE: 00
32 3575 5555. ASIA PACIFIC - excl. China: +65 6542-9595.
CHINA: +86 816-635 2206. AUSTRALIA: +61 2 9616 5890.
SOUTH AFRICA: +32 3 575 55 55. LATAM: 0800 720 8000.
1-613-996-6666. INDIA: +91 22 30948601/2. JAPAN: +65
6542 9595 (24時間 日本語対応無料通話、シンガポール)
TÜRKIYE: Sağlık Bakanlığı Ulusal Zehir Merkezi - 114

Recommended use of the chemical and restrictions on use

Recommended use : Thickening agent
Prepared by : Product Safety and Regulatory Affairs Department
(732) 417-0800

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards which do not result in classification

May irritate skin.
May irritate eyes.
Ingestion may cause irritation to mucous membranes.
May cause irritation of respiratory tract.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

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Hazardous ingredients

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

- If inhaled : If breathed in, move person into fresh air.
If symptoms persist, call a physician.
- In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : If large quantities of this material are swallowed, call a physician immediately.

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

- Flash point : Not applicable
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Flammability (solid, gas) : No data available
- 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.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.
- Specific extinguishing methods : Standard procedure for chemical fires.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.

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Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage : Store in original container.
Keep container tightly closed in a dry and well-ventilated place.

Materials to avoid : No special restrictions on storage with other products.

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

No data available

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection
Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Skin and body protection : Impervious clothing

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : clear

Odor : characteristic

Odor Threshold : No data available

pH : 6.0, 3 %Aqueous solution of isopropanol

Melting point : No data available

Boiling point/boiling range : 126.7 °C (260.1 °F)

Decomposition temperature : No data available

Flash point : Not applicable

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Evaporation rate	: Not applicable
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: < 31.9 hPa (25 °C)
Relative density	: 1.08 (23 °C)
Density	: No data available
Solubility(ies)	
Water solubility	: soluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: None known.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity	: LD50 Oral Rat: > 5,000 mg/kg Test substance: 25% Remarks: No mortality observed at this dose.
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Skin corrosion/irritation**Product:**

Result: No skin irritation
Method: EpiDerm Skin Model
Test substance:25%

Result: No skin irritation
Method: Patch test on human volunteers did not demonstrate irritating properties.
Test substance:25%

Result: No skin irritation
Method: Patch test on human volunteers did not demonstrate irritating properties.
Test substance:100%

Serious eye damage/eye irritation**Product:**

Species: rabbit eye
Result: No eye irritation
Method: Draize Test

Respiratory or skin sensitization**Product:**

Species: Humans
Result: Patch test on human volunteers did not demonstrate sensitization properties.
Method: Patch Test 24 Hrs.

Germ cell mutagenicity**Product:**

Germ cell mutagenicity- Assessment : Not mutagenic in Ames Test.

Carcinogenicity**Product:**

Remarks: This information is not available.

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

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No data available

Further information**Product:**

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential**Product:**Partition coefficient: n-
octanol/water : Remarks: No data available**Mobility in soil****Product:**

Stability in soil : Remarks: No data available

Other adverse effects

No data available

Product:Additional ecological
information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling
site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION**International Regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

Domestic regulation

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Special precautions for user

Remarks : Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations**Pennsylvania Right To Know**

Proprietary PEG-150 Pentaerythrityl Tetrastearate	40 - 60 %
Water	7732-18-5 20 - 40 %
Glycerides, mixed decanoyl and octanoyl, reaction products with oxirane	127281-18-9 15 - 35 %

New Jersey Right To Know

Proprietary PEG-150 Pentaerythrityl Tetrastearate	40 - 60 %
Water	7732-18-5 20 - 40 %
Glycerides, mixed decanoyl and octanoyl, reaction products with oxirane	127281-18-9 15 - 35 %

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

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.

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
PICCS On the inventory, or in compliance with the inventory
IECSC On the inventory, or in compliance with the inventory
CH INV The mixture contains substances listed on the Swiss Inventory

For explanation of abbreviations see section 16.

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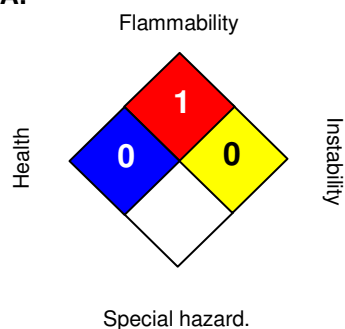
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS II:

HEALTH	0
FLAMMABILITY	1
Reactivity	0

0 = not significant, 1 =Slight,
 2 = Moderate, 3 = High
 4 = Extreme, * = Chronic

Key or legend to abbreviations and acronyms used in the safety data sheet

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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