

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

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 21 2315 9344. 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)

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

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

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 : Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
If eye irritation persists, consult a specialist.
- 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
- 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.
Do not allow run-off from fire fighting to enter drains or water
courses.
- 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.
- Methods and materials for
containment and cleaning up : Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal.

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

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
- Evaporation rate : Not applicable
- Vapor pressure : < 31.9 hPa (25 °C)
- Relative density : 1.08 (23 °C)

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

Density : No data available
Solubility(ies)
Water solubility : soluble
Thermal decomposition : 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.

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:**

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

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

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

No data available

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

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

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.

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

US State Regulations

Pennsylvania Right To Know

NJTSN 08306620-11050P	40 - 60 %
Water	7732-18-5 20 - 40 %
Glycerides, C8-10 mono-, di-, and tri-, ethoxylated	308067-11-0 15 - 35 %

New Jersey Right To Know

NJTSN 08306620-11050P	40 - 60 %
Water	7732-18-5 20 - 40 %
Glycerides, C8-10 mono-, di-, and tri-, ethoxylated	308067-11-0 15 - 35 %

California Prop 65

WARNING! This product contains a chemical known in the State of California to cause cancer.

1,4-dioxane	123-91-1
ethylene oxide	75-21-8

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
----------------	---------

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

Inventories

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

SECTION 16. OTHER INFORMATION

SAFETY DATA SHEET

CRODA

CROTHIX LIQUID-LQ-(MH)

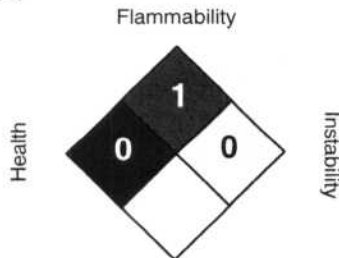
Version 1.0

Revision Date 11/07/2014

Print Date 01/22/2015

Further information

NFPA:



Special hazard.

HMIS II:

HEALTH	0
FLAMMABILITY	1
Reactivity	0

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

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.