

KEMELIX 3422X-LQ-(CQ)

Version 1.0

Revision Date 01/29/2015

Print Date 01/29/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KEMELIX 3422X-LQ-(CQ)
Product code : RAK0464
Chemical Name : Modified Polymeric Alkoxyate

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 : Industrial

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 : Pure substance

Hazardous ingredients

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No hazardous ingredients

SECTION 4. FIRST AID MEASURES

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| If inhaled | : | If breathed in, move person into fresh air.
If symptoms persist, call a physician. |
| In case of skin contact | : | Take off all contaminated clothing immediately.
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 | : | > 100 °C (212 °F)
Method: closed cup |
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| 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. |
| 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. |
| 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

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

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 : light yellow

Odor : mild

Odor Threshold : No data available

pH : not applicable

Melting point : No data available

Boiling point : No data available

Flash point : > 100 °C (212 °F) Method: closed cup

Vapor pressure : No data available

Density : No data available

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

Thermal decomposition : No data available

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SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: Stable under recommended storage conditions.
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**

No data available

Skin corrosion/irritation**Product:**

Remarks: No data available

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

Remarks: No data available

Respiratory or skin sensitization**Product:**

Remarks: No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

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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**Product:**Partition coefficient: n-
octanol/water

: Remarks: No data available

Mobility in soil

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

SARA 313 : 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**

NJTSN 08306620-60027P

New Jersey Right To Know

NJTSN 08306620-60027P

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 All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

REACH On the inventory, or in compliance with the inventory

CH INV Not in compliance with the inventory

DSL All components of this product are on the Canadian DSL.

AICS Not in compliance with the inventory

NZIoC On the inventory, or in compliance with the inventory

ENCS Not in compliance with the inventory

ISHL Not in compliance with the inventory

KECI Not 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

Inventories

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

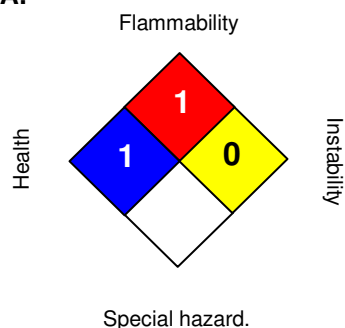
SECTION 16. OTHER INFORMATION

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Further information**NFPA:****HMIS II:**

HEALTH	1
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.