

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 13 April 2016

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1 Identification of the substance/preparation and of the company/undertaking

Trade name: **linecube FS4647 Cutting Oil Semi-Synthetic (clear)**

Relevant identified uses of the substance or mixture and uses advised against:

- Use of the substance/mixture: Machining lubricant

Supplier:

Online Lubricants Ltd.
Unit 20, The IO Centre, Barking, London IG11 0DR
UK Tel. +44 (0) 208 507 0123

In case of emergency: +44 (0) 208 507 0123

2 Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: No significant hazard.
Safety phrases:
S2: Keep out of the reach of children.
S3: Keep in a cool place.
S3/14: Keep in a cool place away from heat sources.
S20/21: When using do not eat, drink or smoke.
S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S27: Take off immediately all contaminated clothing.
S29: Do not empty into drains.

Precautionary phrases:

Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

3 Composition / Information on ingredients

3.1 Hazardous ingredients:

Ingredient	EINECS	CAS	CHIP Classification	CLP Classification	Percent
ORTHOBORIC ACID, COMP WITH 2 AMINOETHANOL	EC 247-421 -8	26038-87-9	Xi: R36/38	Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
AMINE NEUTRALISED CARBOXYLIC ACIDS			Xi: R36/38	Eye Irrit. 2: H319 Skin Irrit. 2: H315	1-10%
ALKYL DICARBOXYLATE IONIC COMPLEX SECONDARY AMINE FREE	282-908-9	844710-25-0	Xi: R38	Skin Irrit. 2: H315	1-10%
2,2-BUTYOXYETHOXY ETHANOL	203-961-6	112-34-5	Xi: R36/38	Eye Irrit. 2: H319	1-10%

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Ingredient	EINECS	CAS	CHIP Classification	CLP Classification	Percent
PROPRIATORY ALKANOLAMINE IONIC COMPLEX SECONDARY AMINE FREE			Xi: R37/38		1-10%
3-IODO-2-PROPYNYL BUTYLCARBAMATE	259-627-5	55406-53-6	Xn: R20/22; Xi: R41; Xi: R37; Sens.: R43; N: R50	Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Sens. 1: H317; STOT SE 3: H335; Aquatic Acute 1: H400; Acute Tox. 4: H332	< 1%

3.2 Non-hazardous ingredients:

Base Oil: Contains 3-Iodo-2-propynyl butylcarbamate C
8H12INO2 MW : 281.07g/mol

4 First-aid measures

4.1. Description of first aid measures

Skin contact: It is advisable that with any mineral oil containing lubricant, that good hygiene processes are adhered to. Any spillages onto the skin should be washed with soap and water. Application of a suitable barrier cream is also recommended after washing the affected area. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer patient to hospital for specialist examination.

Ingestion: Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.

Inhalation: Not thought to be a concern. However the user must carry out risk assessment to determine the level of cutting fluid "MIST" in the atmosphere to be within guide limits.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: If proper ventilation is available then inhalation problems should not be a concern. If no extraction of vapour from the machine tool then simply when opening the doors to the machine tool, step back for 15 seconds to allow dissipation of vapour.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

5 Fire Fighting Measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Combustible.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

6 Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7 Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Observe good hygiene practices and use a suitable barrier cream at regular intervals.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Plastic / Metal

7.3. Specific end use(s)

Specific end use(s): No data available

8 Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.2. DNEL/PNEC Values

DNEL / PNEC No data available.

8.3. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Unlikely to be required in normal use when diluted in water for machining applications.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Use a suitable barrier cream at regular intervals and observe good hygiene practices.

9 Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Amber

Odour: Bland

Solubility in water: Soluble

Viscosity: Non-viscous

Flash point°C: >150

pH: 9.3 typ

9.2. Other information

Other information: No data available.

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10 Stability and Reactivity

10.1. Reactivity

Relative density: 1.00 typ

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight.

10.5. Incompatible materials:

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11 Toxicological Information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure:

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: If proper ventilation is available then inhalation problems should not be a concern. If no extraction of vapour from the machine tool then simply when opening the doors to the machine tool, step back for 15 seconds to allow dissipation of vapour.

Other information: The labelling of this material relates to the concentrated material within the packaging.

The product when diluted in water will not require the same risk and safety requirements.

12 Ecological Information

12.1. Toxicity - Ecotoxicity values: No data available.

12.2. Persistence and degradability - Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential - Bioaccumulative potential: No bioaccumulation potential.

12.4. Results of PBT and vPvB assessment - PBT identification: This product is not identified as a PBT substance.

13 Disposal Considerations

13.1. Waste treatment methods

Disposal operations: Send to registered waste disposal site using services of a registered waste disposal contractor.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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14 Transport Information

Transport class: This product does not require a classification for transport

15 Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16 Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3:

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- H400: Very toxic to aquatic life.
- R20/22: Harmful by inhalation and if swallowed.
- R36/38: Irritating to eyes and skin.
- R37/38: Irritating to respiratory system and skin.
- R37: Irritating to respiratory system.
- R38: Irritating to skin.
- R41: Risk of serious damage to eyes.
- R43: May cause sensitisation by skin contact.
- R50: Very toxic to aquatic organisms.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive.