

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

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

Trade name: **linelube FS2603 Soluble Cutting Oil**

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

- Use of the substance/mixture: Metal fluid / lubricant
- Use advised against: Do not use in any other application

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

Classification under CLP:

Skin Irrit. 2: H315;
Skin Sens. 1: H317;
Aquatic Chronic 4: H413;
Eye Irrit. 2: H319; -;
EUH208

Most important adverse effects:

Contains 3-iodo-2-propynyl butylcarbamate.
May produce an allergic reaction.
Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction.
May cause long lasting harmful effects to aquatic life.

Label elements:

Hazard statements: EUH208: Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.
H319: Causes serious eye irritation.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H413: May cause long lasting harmful effects to aquatic life.

Signal words: Warning

Hazard pictograms:

GHS07: Exclamation mark
GHS09: Environmental



Precautionary statements:

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water/soap.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

PBT: This product is not identified as a PBT/vPvB substance

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3 Composition / Information on ingredients

Hazardous ingredients:

ORTHOBORIC ACID, COMP WITH 2 AMINOETHANOL REV 1

EINECS: EC 247-421-8
CAS 26038-87-9
PBT / WEL -
CLP Classification - Eye Irrit. 2: H319
Percent: 1-10%

ALKYL DICARBOXYLATE IONIC COMPLEX SECONDARY AMINE FREE

EINECS: 282-908-9
CAS 84471-25-0
PBT / WEL -
CLP Classification - Skin Irrit. 2: H315
Percent: 1-10%

ALKANOLAMINE CARBOXYLATE CONDENSATE

EINECS: 282-908-9
CAS 84471-25-0
PBT / WEL -
CLP Classification - Skin Irrit. 2: H315 Eye Irrit. 2: H319
Percent: 1-10%

2,2-BUTYOXYETHOXY ETHANOL

EINECS: 203-961-6
CAS 112-34-5
PBT / WEL -
CLP Classification - Eye Irrit. 2: H319
Percent: 1-10%

N,N` METHYLENE BIS MORPHOLINE

EINECS: 227-062-3
CAS 5625-90-1
PBT / WEL -
CLP Classification -
Acute Tox. 4: H302;
Skin Corr. 1B: H314;
Eye Dam. 1: H318;
Acute Tox. 4: H332
Percent: 1-10%

ALCOHOL ETHOXYLATE

EINECS: 500-213-3
CAS 68439-50-9
PBT / WEL -
CLP Classification -
Eye Dam. 1: H318;
Aquatic Chronic 1: H410;
Aquatic Acute 1: H400
Percent: 1-10%

1,3,5-TRIS(2-HYDROXYETHYL)HEXAHYDRO-1,3,5-TRIAZINE

EINECS: 225-208-0
CAS 4719-04-4
PBT / WEL -
CLP Classification -
Acute Tox. 4: H302;
Skin Sens. 1: H317
Percent: 1-10%

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3-IODO-2-PROPYNYL BUTYLCARBAMATE

EINECS: 259-627-5
CAS 55406-53-6
PBT / WEL -
CLP Classification -
Acute Tox. 3: H331;
Acute Tox. 4: H302;
STOT RE 1: H372;
Eye Dam. 1: H318;
Skin Sens. 1: H317;
Aquatic Chronic 1: H410;
Aquatic Acute 1: H400
Percent: 1-10%

Non-classified ingredients:

BASE OIL

EINECS: -
CAS 64742-53-6
CHIP Classification: -
CLP Classification -
Percent: 10-30%

CHLORINATED PARAFFIN C18 - 28

EINECS: 264-150-0
CAS 63449-39-8
CHIP Classification: -
CLP Classification
Percent: 1-10%

BENZOTRIAZOLE

EINECS: 202-394-1
CAS 95-14-7
CHIP Classification: -

CLP Classification Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Acute Tox. 4: H302
Percent: <1%

Contains: 3-Iodo-2-propynyl butylcarbamate C SH12INO2 MW : 281.07g/mol

4 First-aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Eye bathing equipment should be available on the premises.

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5 Fire Fighting Measures

5.1. Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion, emits toxic fumes.

5.3. Advice for fire-fighters:

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

6 Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions:

Do not discharge into drains or rivers.

Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up:

Absorb into dry earth or sand.

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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

7 Handling and Storage

7.1. Precautions for safe handling

Avoid direct contact with the substance.

Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well-ventilated area. Keep container tightly closed.

Suitable packaging: Plastic / Metal

7.3. Specific end use(s): No data available.

8 Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values:

No data available.

8.2. Exposure controls

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

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9 Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

State:	Liquid
Colour:	Amber
Odour:	Bland
Evaporation rate:	No data available.
Oxidising:	No data available.
Solubility in water:	Soluble
Viscosity:	Non-viscous
Boiling point/range°C:	No data available.
Melting point/range°C:	No data available.
Flammability limits %:	
lower:	No data available.
upper:	No data available.
Flash point°C:	> 180
Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	No data available.
Vapour pressure:	No data available.
Relative density:	1.020 typ
pH:	9.3 typ
VOC g/l:	No data available.

9.2. Other information: No data available.

10 Stability and Reactivity

10.1. Reactivity: Stable under recommended transport or storage conditions.

10.2. 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: Heat.

10.5. Incompatible materials

Materials to avoid:
Strong oxidising agents.
Strong acids.

10.6. Hazardous decomposition products: In combustion emits toxic fumes.

11 Toxicological Information

11.1. Information on toxicological effects

Hazardous ingredients:
N,N` METHYLENE BIS MORPHOLINE
RAT - - -
ORL - LD50 550 mg/kg
1,3,5-TRIS(2-HYDROXYETHYL)HEXAHYDRO-1,3,5-TRIAZINE
ORL RAT LD50 763 mg/kg
SKN RAT LD50 >2 gm/kg

Relevant hazards for substance:

Hazard Route Basis
Skin corrosion/irritation DRM Hazardous: calculated
Serious eye damage/irritation OPT Hazardous: calculated
Respiratory/skin sensitisation DRM Hazardous: calculated

Symptoms / routes of exposure

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

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Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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. Ecotoxicity values: No data available.

12.2. Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil: Readily absorbed into soil.

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

12.6. Other adverse effects: Negligible ecotoxicity.

13 Disposal Considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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.

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: Not applicable.

16 Other Information

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and s.3:

EUH208: Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H372: May cause damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.