

Cutoil A 165ml Art.nr. 244680104

Date 12.1.2017

Previous date: 12.1.2017

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier****1.1.1 Commercial Product Name**

Cutoil A 165ml Art.nr. 244680104

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Recommended use**

Cutting fluid

1.3 Details of the supplier of the safety data sheet**1.3.1 Supplier**

Luna Verktyg & Maskin AB

Postcode and post office

SE-441 80 Alingsås

Telephone

+46 322 60 60 00

Email

jorgen.bengtsson@luna.se

1.4 Emergency telephone number**1.4.1 Telephone number, name and address**

Sverige 020-996 000 (Kemiakuten), Norge +47 22 59 13 00 (Giftinformation)

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture****1272/2008 (CLP)**

Flam. Aerosol 1, H222

Flam. Aerosol 1, H229

67/548/EEC - 1999/45/EC

R12

2.2 Label elements**1272/2008 (CLP)**

GHS02

Signal word

Danger**Hazard Statements**

H222

Extremely flammable aerosol.

H229

Pressurized container: May burst if heated.

Precautionary Statements

P102

Keep out of reach of children.

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211

Do not spray on an open flame or other ignition source.

P251

Do not pierce or burn, even after use.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

2.3 Other hazards**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components****CAS/EC and Reg. number**

74-98-6

Chemical name of the substance

propan

Concentration Classification

5-15%

F+; R12

;Flam. Gas 1, H220; Press. Gas 200-827-9

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106-97-8	butan	5-15%	F+; R12 ;Flam. Gas 1, H220; Press. Gas 200-857-2
64741-88-4	Oil	70%	-

4. FIRST AID MEASURES**4.1 Description of first aid measures**

When symptoms persist or in all cases of doubt seek medical advice.

4.1.2 Inhalation

In the case of inhalation of aerosol/mist consult a physician if necessary.

4.1.4 Eye contact

Immediately flush eye(s) with plenty of water.

4.1.5 Ingestion

Ingestion causes burns of the upper digestive and respiratory tracts.

4.2 Most important symptoms and effects, both acute and delayed

There is no data available for this product.

4.3 Indication of immediate medical attention and special treatment needed

No data is available on the product itself.

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****5.1.1 Suitable extinguishing media**

ABC powder

5.1.2 Extinguishing media which must not be used for safety reasons

Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Heating may cause an explosion.

5.3 Advice for firefighters

Heating may cause an explosion.

5.4 Specific methods

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6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Immediately evacuate personnel to safe areas.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Not relevant for the product itself.

6.4 Reference to other sections

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7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Keep in a well-ventilated place. Keep away from heat and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Keep product and empty container away from heat and sources of ignition.

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7.3 Specific end use(s)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

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8.1.1 Threshold limits

106-97-8	butan	800 ppm (8 h)	900 ppm (15 min)
		1900 mg/m ³ (8 h)	2400 mg/m ³ (15 min)
74-98-6	propan	800 ppm (8 h)	1100 ppm (15 min)
		1500 mg/m ³ (8 h)	2000 mg/m ³ (15 min)

8.1.2 Other information on limit values

There is no data available for this product.

8.1.3 Limit values in other countries

No data is available on the product itself.

8.1.4 DNELs

not determined

8.1.5 PNECs

not determined

8.2 Exposure controls**8.2.2 Individual protection measures****8.2.2.3 Eye/face protection**

Use respirator when performing operations involving potential exposure to vapour of the product.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Important Health Safety and Environmental Information****9.1.1 Appearance**

Aerosol

9.1.2 Odour

odourless

9.1.3 Odour threshold

There is no data available for this product.

9.1.4 pH

There is no data available for this product.

9.1.5 Melting point/freezing point

There is no data available for this product.

9.1.6 Initial boiling point and boiling range

-26°C

9.1.7 Flash point

< 0 °C

9.1.8 Evaporation rate

not determined

9.1.9 Flammability (solid, gas)

Flammable gas, may cause flash fire.

9.1.10 Explosive properties**9.1.10.1 Lower explosion limit**

not determined

9.1.10.2 Upper explosion limit

not determined

9.1.11 Vapour pressure

There is no data available for this product.

9.1.12 Vapour density

There is no data available for this product.

9.1.13 Relative density

There is no data available for this product.

9.1.14 Solubility(ies)**9.1.14.1 Water solubility**

insoluble

9.1.14.2 Fat solubility (solvent - oil to be specified)

soluble

9.1.15 Partition coefficient: n-octanol/water

not determined

9.1.16 Auto-ignition temperature

There is no data available for this product.

9.1.17 Decomposition temperature

There is no data available for this product.

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9.1.18	Viscosity	Tietoja tästä tuotteesta ei ole käytettävissä.
9.1.19	Explosive properties	not determined
9.1.20	Oxidising properties	not determined
9.2	Other information	

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
There is no data available for this product.
- 10.2 Chemical stability**
There is no data available for this product.
- 10.3 Possibility of hazardous reactions**
There is no data available for this product.
- 10.4 Conditions to avoid**
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep away from children.
- 10.5 Incompatible materials**
There is no data available for this product.
- 10.6 Hazardous decomposition products**
There is no data available for this product.

11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.1 Acute toxicity**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.2 Irritation and corrosion**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.3 Sensitisation**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.4 Subacute, subchronic and prolonged toxicity**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.5 STOT-single exposure**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.6 STOT-repeated exposure**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.7 Aspiration hazard**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
- 11.1.8 Other information on acute toxicity**
The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

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12. ECOLOGICAL INFORMATION**12.1 Toxicity****12.1.1 Aquatic toxicity**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.1.2 Toxicity to other organisms

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.2 Persistence and degradability**12.2.1 Biodegradation**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.2.2 Chemical degradation

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.3 Bioaccumulative potential

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.4 Mobility in soil

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.5 Results of PBT and vPvB assessment

not determined

12.6 Other adverse effects

not determined

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

13.2 Waste from residues / unused products

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14. TRANSPORT INFORMATION**14.1 UN number**

1950

14.2 UN proper shipping name

Aerosol

14.3 Transport hazard class(es)

2.1

14.4 Packing group

2

14.5 Environmental hazards**14.6 Special precautions for users****14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2 Chemical safety assessment**

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16. OTHER INFORMATION**16.1 Additions, Deletions, Revisions**

REGULATION (EC) No 453/2010

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

R12 Extremely flammable.