

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

LASCOL USI PLUS

Revision date: 02.02.2017

Product code: 247

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

LASCOL USI PLUS

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Watersoluble Metalworkingfluid

1.3. Details of the supplier of the safety data sheet

Company name:	LASCOL LUBRIFIANTS	
Street:	28 Avenue Carnot, BP 30038	
Place:	F-78290 CROISSY SUR SEINE	
Telephone:	+33 09.80.52.18.73	Telefax: +33 09.57.94.90.76
e-mail:	lascal.lubrifiants@gmail.com	

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

2.2. Label elements**Regulation (EC) No. 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Special labelling of certain mixtures

EUH208 Contains 2-n-butyl-benzo[d]isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-56-9	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic			25 - < 30 %
	265-159-2		01-2119480132-48	
	Asp. Tox. 1; H304			
122-99-6	2-phenoxyethanol			10 - < 15 %
	204-589-7	603-098-00-9		
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
68920-66-1	Fettalkoholpolyglykoether			1 - < 2.5 %
	Skin Irrit. 2, Aquatic Chronic 2; H315 H411			
10043-35-3	Boric acid			<1 %
	233-139-2	005-007-00-2		
	Repr. 1B; H360FD			
3811-73-2	pyridine-2-thiol 1-oxide, sodium salt			0.1 - < 1 %
	223-296-5			
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1; H302 H332 H315 H319 H400			
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one			0.1 - < 1 %
	420-590-7	606-079-00-3		
	Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H314 H317 H400 H410			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			< 0.1 %
	220-120-9	613-088-00-6		
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			

Full text of H and EUH statements: see section 16.

Further Information

Concentration BORIC ACID: < 1%

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

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

Treat symptomatically



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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

Nitrogen oxides (NO_x).

Carbon monoxide

Carbon dioxide (CO₂).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protective suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Contain and control the leaks or spills with noncombustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Large quantities remove mechanically

Clean contaminated articles and floor according to the environmental legislation. Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas.

Direct contact with skins avoid.

When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

When using do not eat, drink or smoke.

High slip hazard because of leaking or spilled product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 5-40 °C

Maximum period of storage (time): 1 Jahr



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Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.
Do not store with strong oxidizing agents.

Further information on storage conditions

te regulations relating to storage premises apply to workshops where the product is handled.
Maximum period of storage (time):

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Use personal protection equipment as per Directive 89/686/EEC.
Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat, drink or smoke.

Eye/face protection

Use glasses or face shield if there is a risk of splashing.

Hand protection

Protect skin by using skin protective cream.
Wear protective gloves if advisable under safety aspects .
Wash hands before breaks and after work .
Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Skin protection

Chemical resistant safety shoes.
Take off immediately all contaminated clothing.
Thorough skin-cleansing after handling the product.
Set out skin protection guidelines.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient , respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	gelb
Odour:	characteristic

pH-Value (at 20 °C):	in aqueous solution 5% ; 8,9	Test method DIN 51369
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Changes in the physical state

Flash point:	not applicable	
Ignition temperature:	not determined	
Vapour pressure:	not determined	
Density (at 20 °C):	0,96 g/cm ³	EN ISO 12185
Viscosity / kinematic: (at 20 °C)	70 mm ² /s	ASTM D 7032

SECTION 10: Stability and reactivity

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10.4. Conditions to avoid

Protect against: heat.

10.5. Incompatible materials

The following must be prevented: Oxidizing agents, strong acid.

10.6. Hazardous decomposition products

Hazardous decomposition products: none

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-56-9	Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic				
	oral	LD50 mg/kg	> 5000	RAT	
	dermal	LD50 mg/kg	>5000	RABBIT	
	inhalative (4 h) aerosol	LC50	>5 mg/l		
122-99-6	2-phenoxyethanol				
	oral	LD50 mg/kg	1850	Rat	
	dermal	LD50 mg/kg	>2000	Rabbit	
3811-73-2	pyridine-2-thiol 1-oxide, sodium salt				
	oral	LD50 mg/kg	500	Rat	
	dermal	LD50 mg/kg	4500		
	inhalative vapour	ATE	11 mg/l		
	inhalative (4 h) aerosol	LC50	2,7 mg/l		
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	LD50 mg/kg	1020	RAT	

Additional information on tests

No risks worthy of mention. Practical experience.

The statement is derived from the properties of the single components.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information**12.1. Toxicity**



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
122-99-6	2-phenoxyethanol					
	Acute fish toxicity	LC50 220 - 460 mg/l	96 h	Leuciscus idus		
	Acute algae toxicity	ErC50 > 500 mg/l	72 h	Scenedesmus sp.		
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna		
68920-66-1	Fettalkoholpolyglykoether					
	Acute fish toxicity	LC50 10-100 mg/l	96 h			
	Acute crustacea toxicity	EC50 10000 mg/l	48 h			

12.2. Persistence and degradability

Additional information: none

12.3. Bioaccumulative potential

Can be concentrated in organisms.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
122-99-6	2-phenoxyethanol	1,16
10043-35-3	Boric acid	-1,09

12.4. Mobility in soil

in delivery condition: liquid

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Completely emptied packings can be re-cycled. Dispose of waste according to applicable legislation.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

Not restricted

Marine transport (IMDG)**Other applicable information (marine transport)**

Not restricted

Air transport (ICAO-TI/IATA-DGR)**14.2. UN proper shipping name:** Not restricted**Other applicable information (air transport)**

Not restricted

SECTION 15: Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**EU regulatory information**

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

Boric acid

Restrictions on use (REACH, annex XVII):

Entry 28: Baseoil - unspecified, Distillates (petroleum), solvent-dewaxed light paraffinic

Entry 30: Boric acid

Additional information

No marking required according to 1999/45/EC, appendix V B, No. 9.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1.

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H332	Harmful if inhaled.
H360FD	May damage fertility. May damage the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains 2-n-butyl-benzo[d]isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)