

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

LASCOL COMPACT

Revision date: 07.02.2017

Product code: 1

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

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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: | lascol.lubrifiants@gmail.com | |

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

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

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

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

| | |
|------|--------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |

Precautionary statements

| | |
|----------------|--|
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |

Special labelling of certain mixtures

| | |
|--------|--|
| EUH208 | Contains 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 | | | 20 - < 25 % |
| | 265-159-2 | | 01-2119480132-48 | |
| | Asp. Tox. 1; H304 | | | |
| 105-59-9 | 2,2'-(methylimino)diethanol, N-methyldiethanolamine | | | 5 - < 10 % |
| | 203-312-7 | 603-079-00-5 | | |
| | Eye Irrit. 2; H319 | | | |
| 10043-35-3 | Boric acid | | | 2.5 - < 5 % |
| | 233-139-2 | 005-007-00-2 | | |
| | Repr. 1B; H360FD | | | |
| 68920-66-1 | Fettalkoholpolyglykolether | | | 2.5 - < 5 % |
| | Skin Irrit. 2, Aquatic Chronic 2; H315 H411 | | | |
| 141-43-5 | 2-aminoethanol, ethanolamine | | | 1 - < 2.5 % |
| | 205-483-3 | 603-030-00-8 | | |
| | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B; H332 H312 H302 H314 | | | |
| 68608-26-4 | Natriumsulfonat | | | 1 - < 2.5 % |
| | | | 01-2119527859-22 | |
| | Eye Irrit. 2; H319 | | | |
| 141-43-5 | Monoethanolamin (NEUTRALISIERT) | | | 1 - < 2.5 % |
| | 205-483-3 | | 01-2119486455-28 | |
| | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4; H332 H312 H302 | | | |
| 173832-45-6 | Polymerisierter Fettsäureester, Ethoxiliert | | | 1 - < 2.5 % |
| | Aquatic Chronic 3; H412 | | | |
| 3811-73-2 | pyridine-2-thiol 1-oxide, sodium salt | | | 0.1 - < 1 % |
| | 223-296-5 | | 01-2119493385-28 | |
| | Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1; H332 H302 H315 H319 H400 | | | |
| 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 | | | |
| 61789-44-4 | Rizinusöl-Fettsäure | | | < 0.1 % |
| | | | | |
| | | | | |

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

Further Information

Concentration BORIC ACID: < 5,5%

SECTION 4: First aid measures

4.1. Description of first aid measures



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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

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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.

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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

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Do not store with strong oxidizing agents.

Further information on storage conditions

The 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****Exposure limits (EH40)**

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|----------|----------------|-----|-------------------|-----------|---------------|--------|
| 141-43-5 | 2-Aminoethanol | 1 | 2.5 | | TWA (8 h) | WEL |
| | | 3 | 7.6 | | STEL (15 min) | WEL |

8.2. Exposure controls**Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

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:

light yellow

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Odour: characteristic

pH-Value (at 20 °C):

Test method
9,5 DIN 51369**Changes in the physical state**

Flash point:

not applicable

Ignition temperature:

not determined

Vapour pressure:

not determined

Density (at 20 °C):

0,99 g/cm³ EN ISO 12185Viscosity / kinematic:
(at 20 °C)180 mm²/s ASTM D 7042**SECTION 10: Stability and reactivity****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**



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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 > 5000 mg/kg | RAT | | |
| | dermal | LD50 >5000 mg/kg | RABBIT | | |
| | inhalative (4 h) aerosol | LC50 >5 mg/l | | | |
| 105-59-9 | 2,2'-(methylimino)diethanol, N-methyldiethanolamine | | | | |
| | oral | LD50 4680 mg/kg | Rat | | |
| 141-43-5 | 2-aminoethanol, ethanolamine | | | | |
| | oral | LD50 1515 mg/kg | Rat | | |
| | dermal | LD50 1025 mg/kg | Rabbit | IUCLID | |
| | inhalative vapour | ATE 11 mg/l | | | |
| | inhalative aerosol | ATE 1,5 mg/l | | | |
| 141-43-5 | Monoethanolamin (NEUTRALISIERT) | | | | |
| | oral | ATE 500 mg/kg | | | |
| | dermal | ATE 1100 mg/kg | | | |
| | inhalative vapour | ATE 11 mg/l | | | |
| | inhalative aerosol | ATE 1,5 mg/l | | | |
| 3811-73-2 | pyridine-2-thiol 1-oxide, sodium salt | | | | |
| | oral | LD50 500 mg/kg | Rat | | |
| | dermal | LD50 4500 mg/kg | | | |
| | 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 1020 mg/kg | RAT | | |
| 61789-44-4 | Rizinusöl-Fettsäure | | | | |
| | oral | LD50 >2000 mg/kg | 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 |
| 105-59-9 | 2,2'-(methylimino)diethanol, N-methyldiethanolamine | | | | | |
| | Acute fish toxicity | LC50 1000 - 2200 mg/l | 96 h | Leuciscus idus | | |
| | Acute algae toxicity | ErC50 37 mg/l | 72 h | Desmodesmus subspicatus | | |
| | Acute crustacea toxicity | EC50 233 mg/l | 48 h | Daphnia magna | | |
| 68920-66-1 | Fettalkoholpolyglykolether | | | | | |
| | Acute fish toxicity | LC50 10-100 mg/l | 96 h | | | |
| | Acute crustacea toxicity | EC50 10000 mg/l | 48 h | | | |
| 141-43-5 | 2-aminoethanol, ethanolamine | | | | | |
| | Acute fish toxicity | LC50 150 mg/l | 96 h | Onchorhynchus mykiss | IUCLID | |
| | Acute algae toxicity | ErC50 22 mg/l | 72 h | Desmodesmus subspicatus | | |
| | Acute crustacea toxicity | EC50 65 mg/l | 48 h | Daphnia magna | | |

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 |
|------------|---|--------------|
| 105-59-9 | 2,2'-(methylimino)diethanol, N-methyldiethanolamine | -1,08 |
| 10043-35-3 | Boric acid | -1,09 |
| 141-43-5 | 2-aminoethanol, ethanolamine | -1,91 (25°C) |

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. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment

Waste disposal number of contaminated packaging

120109 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; machining emulsions and solutions free of halogens; hazardous waste

Contaminated packaging

Empty container completely. Keep labels on container. Recommended cleaning agent: water. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment

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

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Other applicable information (land transport)

Not restricted
No dangerous good in sense of these transport regulations.

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

Not restricted
No dangerous good in sense of these transport regulations.

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

Not restricted
No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

Not restricted
No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**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

2010/75/EU (VOC): < 1,0 %

2004/42/EC (VOC): < 1,0 %

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

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

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

| | |
|--------|--|
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| 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. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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EUH208

Contains 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.)