



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### LASCOL CLEAN EASY

Revision date: 24.01.2017

Product code: 136

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

LASCOL CLEAN EASY

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

###### Use of the substance/mixture

Cleaner

##### 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 Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes serious eye irritation.

Causes skin irritation.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Hazard components for labelling

Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, &lt;5% n-hexane

Acetone

Signal word: Danger

Pictograms:



###### Hazard statements

|      |  |
|------|--|
| H222 | Extremely flammable aerosol.                     |
| H229 | Pressurised container: May burst if heated.      |
| H319 | Causes serious eye irritation.                   |
| H315 | Causes skin irritation.                          |
| H336 | May cause drowsiness or dizziness.               |
| H411 | Toxic to aquatic life with long lasting effects. |

###### Precautionary statements

|      |  |
|------|--|
| P280 | Wear protective gloves/eye protection/face protection.   |
| P101 | If medical advice is needed, have product container or label at hand.                          |
| P102 | Keep out of reach of children.   |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source.  |

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|                |  |
|----------------|--|
| P251           | Do not pierce or burn, even after use.   |
| P261           | Avoid breathing vapour/spray.  |
| P271           | Use only outdoors or in a well-ventilated area.  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P410+P412      | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.   |
| P501           | Dispose of contents/container to hazardous waste.  |

**2.3. Other hazards**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material. Keep away from sources of ignition - No smoking.

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. Keep out of the reach of children.

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

Substance of content declaration referred to EG VO 648/2004:> 30% aliphatic hydrocarbons

**Hazardous components**

| CAS No   | Chemical name  | Quantity     |                  |          |
|----------|--|--------------|------------------|----------|
|          | EC No  | Index No     | REACH No         |          |
|          | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                  |              |                  |          |
|          | Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes  |              |                  | 25-50 %  |
|          | 927-510-4  |              | 01-2119475515-33 |          |
|          | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 |              |                  |          |
|          | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane                           |              |                  | 25-50 %  |
|          | 921-024-6  |              | 01-2119475514-35 |          |
|          | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 |              |                  |          |
| 67-64-1  | acetone; propan-2-one; propanone   |              |                  | 10-20 %  |
|          | 200-662-2  | 606-001-00-8 |                  |          |
|          | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066                                     |              |                  |          |
| 75-28-5  | isobutane  |              |                  | 2,5-10 % |
|          | 200-857-2  | 601-004-00-0 |                  |          |
|          | Flam. Gas 1; H220  |              |                  |          |
| 74-98-6  | propane  |              |                  | 2,5-10 % |
|          | 200-827-9  | 601-003-00-5 |                  |          |
|          | Flam. Gas 1; H220  |              |                  |          |
| 124-38-9 | carbon dioxide   |              |                  | 2,5-10 % |
|          |  |              |                  |          |
|          | Compressed gas; H280   |              |                  |          |

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

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



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#### General information

Move victim to fresh air. Put victim at rest and keep warm. Do not leave affected person unattended.

#### After inhalation

Provide fresh air. Seek medical attention if problems persist.

#### After contact with skin

After contact with skin, wash immediately with: Water and soap.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

#### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

#### After ingestion

Do NOT induce vomiting. Aspiration hazard: Seek medical advice immediately.

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

No data available

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

No data available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder.,Foam.

##### Unsuitable extinguishing media

High power water jet.

#### 5.2. Special hazards arising from the substance or mixture

In use may form flammable/explosive vapour-air mixture.

In case of fire may be liberated: Gas/vapours, toxic.

#### 5.3. Advice for firefighters

Full protective suit.

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

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Provide adequate ventilation. High slip hazard because of leaking or spilled product. Remove all sources of ignition. Avoid contact with skin. Avoid contact with eyes and skin.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### 6.3. Methods and material for containment and cleaning up

Provide adequate ventilation. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### 6.4. Reference to other sections

Keep away from sources of ignition - No smoking.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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**Advice on safe handling**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Avoid contact with eyes and skin.

Avoid breathing dust/fume/gas/mist/vapours/spray.

**Advice on protection against fire and explosion**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material.

Take action to prevent static discharges.

**Further information on handling**

Keep in a cool, well-ventilated place.

Do not store at temperatures over: 50 °C

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Official regulations for the storage of compressed gas containers are to be observed

Keep in a cool, well-ventilated place.

**Advice on storage compatibility**

none

**Further information on storage conditions**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flames or any incandescent material.

**7.3. Specific end use(s)**

No data available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

| CAS No   | Substance      | ppm   | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|----------|----------------|-------|-------------------|-----------|---------------|--------|
| 67-64-1  | Acetone        | 500   | 1210              |           | TWA (8 h)     | WEL    |
|          |                | 1500  | 3620              |           | STEL (15 min) | WEL    |
| 124-38-9 | Carbon dioxide | 5000  | 9150              |           | TWA (8 h)     | WEL    |
|          |                | 15000 | 27400             |           | STEL (15 min) | WEL    |

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

Wash hands before breaks and after work.

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The glove material has to be impermeable and resistant to the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation and in accordance with EN 374 Material of gloves nitrile rubber. For example: Type Tricotril, Articlono. 736 from KCL ([www.kcl.de](http://www.kcl.de)) Chloropren for example. Type Camapren, Articlono. 720 from KCL ([www.kcl.de](http://www.kcl.de)) The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to

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manufacturer. The exact break through time has to be found out by the protective glove manufacturer and must be observed. Recommendation: dispose of contaminated gloves.

Suitable material: Butyl rubber.

Thickness of glove material:  $\geq 0,7\text{mm}$

penetration time (maximum wearing period):  $\geq 60\text{min}$

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Not required if good ventilation

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                 |               |
|-----------------|---------------|
| Physical state: | Aerosol       |
| Colour:         | colourless    |
| Odour:          | gasoline-like |

**Changes in the physical state**

|  |                               |
|--|-------------------------------|
| Melting point:                           | not determined                |
| Initial boiling point and boiling range: | $< 0\text{ }^{\circ}\text{C}$ |
| Flash point:                             | not applicable                |

**Explosive properties**

The product is not: Explosive. In use, may form flammable/explosive vapour-air mixture.

|   |                                 |
|---|---------------------------------|
| Ignition temperature:                       | $> 200\text{ }^{\circ}\text{C}$ |
| Density (at $20\text{ }^{\circ}\text{C}$ ): | $0,70597\text{ g/cm}^3$         |
| Solvent content:                            | 96,6 % organic solvent          |

**SECTION 10: Stability and reactivity****10.6. Hazardous decomposition products**

Carbon monoxide Carbon dioxide.

**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 |
|         | Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes                  |                  |         |        |        |
|         | oral   | LD50 >5840 mg/kg |         |        |        |
|         | dermal   | LD50 >2920 mg/kg |         |        |        |
|         | inhalative (4 h) vapour  | LC50 23,3 mg/l   |         |        |        |
|         | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane |                  |         |        |        |
|         | oral   | LD50 >5840 mg/kg | RAT     |        |        |
|         | dermal   | LD50 >2920 mg/kg | RAT     |        |        |
|         | inhalative (4 h) vapour  | LC50 <25,2 mg/l  | RAT     |        |        |
| 67-64-1 | acetone; propan-2-one; propanone                                       |                  |         |        |        |
|         | oral   | LD50 5800 mg/kg  | Rat     | RTECS  |        |
|         | dermal   | LD50 20000 mg/kg | Rabbit  | IUCLID |        |
|         | inhalative (4 h) vapour  | LC50 76 mg/l     | Rat     |        |        |

## Sensitising effects

no danger of sensitization.

## SECTION 12: Ecological information

## 12.1. Toxicity

| CAS No  | Chemical name  |                |           |                      |        |        |
|---------|--|----------------|-----------|----------------------|--------|--------|
|         | Aquatic toxicity   | Dose           | [h]   [d] | Species              | Source | Method |
|         | Hydrocarbons, C7, n-alkanes, isoalkanes, cycloalkanes                  |                |           |                      |        |        |
|         | Acute crustacea toxicity   | EC50 3 mg/l    | 48 h      | daphnia              |        |        |
|         | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cycloalkanes, <5% n-hexane |                |           |                      |        |        |
|         | Acute fish toxicity  | LC50 <10 mg/l  | 96 h      | FISH                 |        |        |
|         | Acute crustacea toxicity   | EC50 3 mg/l    | 48 h      | DAPHNIA              |        |        |
| 67-64-1 | acetone; propan-2-one; propanone                                       |                |           |                      |        |        |
|         | Acute fish toxicity  | LC50 5540 mg/l | 96 h      | Onchorhynchus mykiss |        |        |
|         | Acute crustacea toxicity   | EC50 6100 mg/l | 48 h      | Daphnia magna        |        |        |

## 12.3. Bioaccumulative potential

## Partition coefficient n-octanol/water

| CAS No  | Chemical name                    | Log Pow |
|---------|----------------------------------|---------|
| 67-64-1 | acetone; propan-2-one; propanone | -0,24   |
| 75-28-5 | isobutane                        | 2,8     |
| 74-98-6 | propane                          | 2,36    |

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**Further information**

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Toxic to aquatic organisms.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste disposal number of waste from residues/unused products**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**Waste disposal number of used product**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

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

**14.1. UN number:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Transport category: 2  
Tunnel restriction code: D

**Other applicable information (land transport)**

E0

**Inland waterways transport (ADN)**

**14.1. UN number:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L

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

E0

**Marine transport (IMDG)**

**14.1. UN number:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS

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**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2, see SP63

Marine pollutant: x  
Special Provisions: 63, 190, 277, 327, 344, 959  
Limited quantity: See SP277  
EmS: F-D, S-U

**Other applicable information (marine transport)**  
E0

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
Hazard label: 2.1



Special Provisions: A1 A145 A167 A802  
Limited quantity Passenger: Forbidden  
IATA-packing instructions - Passenger: Forbidden  
IATA-max. quantity - Passenger: Forbidden  
IATA-packing instructions - Cargo: 203  
IATA-max. quantity - Cargo: 150 kg

**Other applicable information (air transport)**  
E0  
: Forbidden

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Solvent Naptha

**14.6. Special precautions for user**

Marine pollutant: Yes.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: isobutane

2010/75/EU (VOC): 682 g/l

2004/42/EC (VOC): 96,6%

**National regulatory information**



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|--------------------------------|--|
| 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): | 2 - clearly water contaminating  |

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

|        |   |
|--------|---|
| H220   | Extremely flammable gas.                              |
| H222   | Extremely flammable aerosol.                          |
| H225   | Highly flammable liquid and vapour.                   |
| H229   | Pressurised container: May burst if heated.           |
| H280   | Contains gas under pressure; may explode if heated.   |
| H304   | May be fatal if swallowed and enters airways.         |
| H315   | Causes skin irritation.                               |
| H319   | Causes serious eye irritation.                        |
| H336   | May cause drowsiness or dizziness.                    |
| H411   | Toxic to aquatic life with long lasting effects.      |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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