

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

Product form : Mixture

Product name. : LA-CO Lifter Wipes®

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

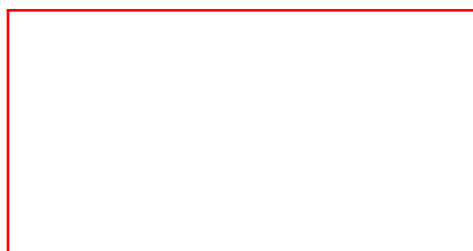
Use of the substance/mixture : Agent of cleaning

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

LA-CO Industries Europe S.A.S.  
 Parc Industriel de la Plaine de  
 l'Ain - Allée des Combes.  
 01150.BLYES.France.  
 Phone: +33 (0)4 74 46 23 23  
 Fax: +33 (0)4 74 46 23 29  
 E-mail: info@eu.laco.com  
 Web: http://www.markal.com

**1.4. Emergency telephone number**

Emergency number : 24-hour emergency: CHEMTREC

U.S. : 1-800-424-9300

International: +1-703-527-3887

| EU Member State | Officieel adviesorgaan                                                                                                                                                   | Adres                                                      | Noodnummer                         |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|
| AUSTRIA         | Vergiftungsinformationszentrale (Poisons Information Centre)                                                                                                             | Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Wien | +43 1 406 43 43                    |
| BELARUS         | The Belarus Republican Poisons Centre                                                                                                                                    | Kizhevatova str. 58 220115 Minsk                           | +375 (0)17 201 9158                |
| BELGIUM         | Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid                                                                                         | Rue Bruyn 1 B -1120 Bruxelles/Brussel                      | +32 70 245 245                     |
| BULGARIA        | Национален токсикологичен информационен център<br>National Clinical Toxicology Centre, Emergency Medical Institute "Pirogov"                                             | 21 Tottleben Boulevard 1606 SOFIA                          | +359 2 9154 409                    |
| CROATIA         | Poisons Control Centre<br>Institute of Medical Research & Occupational Health                                                                                            | Ksaverska Cesta 2<br>P.O. Box 291<br>HR-10000 Zagreb       | +385 1 234 8342                    |
| CZECH REPUBLIC  | Toxikologické informační středisko<br>Clinic For Occupational Medicine, 1st Medical Faculty, Charles University                                                          | Na Bojišti 1<br>120 00 Praha 2                             | +42 2 2491 9293<br>+42 2 2491 5402 |
| DENMARK         | Giftlinjen<br>Bispebjerg Hospital                                                                                                                                        | Bispebjerg Bakke 23, 60, 1<br>DK-2400 København NV         | +45 82 12 12 12<br>+45 35 31 55 55 |
| ESTONIA         | Mürgistusteabekeskus                                                                                                                                                     | Gonsiori 29 15027 Tallinn                                  | +372 626 93 90                     |
| FINLAND         | Myrkytystietokeskus                                                                                                                                                      | P.O.B 340 (Haartmaninkatu 4)<br>HUS<br>SF - 00029 Helsinki | +358 9 471 977                     |
| FRANCE          | ORFILA                                                                                                                                                                   |                                                            | +33 1 45 42 59 59                  |
| GERMANY         | Berliner Betrieb für Zentrale Gesundheitliche Aufgaben                                                                                                                   | Oranienburger Strasse 285 13437 Berlin                     | +49 30 19240                       |
| GERMANY         | Informations und Beratungszentrum für Vergiftungsfälle                                                                                                                   | Kirrberger Straße, Gebäude 9 D-66421 Homburg/Saar          | +49 6841 19240                     |
| GERMANY         | Beratungstelle bei Vergiftungen, Klinische Toxikologie und Beratungsstelle bei Vergiftungen                                                                              | Langenbeckstrasse 1 55131 Mainz                            | +49 6131 19240                     |
| GREECE          | Poisons Information Centre                                                                                                                                               | 11527 Athens                                               | +30 10 779 3777                    |
| HUNGARY         | Országos Kémiai Biztonsági Intézet (National Institute of Chemical Safety)<br>Egészségügyi Toxikológiai Tájékoztató Szolgálat (Health Toxicological Information Service) | 1437 Budapest PO Box 839<br>1097 Budapest, Nagyvárad tér 2 | +36 80 20 11 99                    |
| ICELAND         | Eitrunarmiðstöðin                                                                                                                                                        | Eitrunarmiðstöðin 108 Reykjavik                            | +354 543 22 22                     |
| IRELAND         | National Poisons Information Centre                                                                                                                                      | Beaumont Hospital PO Box 1297<br>Beaumont Road 9 Dublin    | +353 1 809 2166                    |

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according to Regulation (EC) No. 453/2010

|             |                                                                                                                                                                    |                                                                      |                                                             |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------|
| LATVIA      | Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs                                                                                               | 2 Hipocrate Street LV 1038 Riga                                      | +371 67 04 24 73                                            |
| LITHUANIA   | Apsinuodijimų kontrolės ir informacijos biuras                                                                                                                     | Siltnamiu 29 2043 Vilnius                                            | +370 5 236 20 52/+370 687 53 378                            |
| MALTA       | Medicines & Poisons Info Office                                                                                                                                    | Mater Dei Hospital, Msida MSD 2090 Malta                             | 25450000                                                    |
| NETHERLANDS | Nationaal Vergiftigingen Informatie Centrum<br>National Institute for Public Health and the Environment, NB this service is only available to health professionals | Huispostnummer B.00.118, PO Box 85500<br>3508 GA Utrecht             | +31 30 274 88 88                                            |
| PORTUGAL    | Centro de Informação Antivenenos<br>Instituto Nacional de Emergência Médica (INEM)                                                                                 | Rua Almirante Barroso, 36<br>1000-013 Lisboa                         | 808 250 143 (for use only in Portugal),<br>+351 21 330 3284 |
| ROMANIA     | Biroul pentru Regulamentul Sanitar International<br>si Informare Toxicologica                                                                                      | Str. Dr. Leonte Anastasievici Nr.1-3,<br>Sector 5<br>50463 Bucuresti | +40 21 318 36 06                                            |
| SLOVAKIA    | Národné toxikologické informačné centrum<br>University Hospital Bratislava                                                                                         | Limbová 5<br>833 05 Bratislava                                       | +421 2 54 77 4 166                                          |
| SPAIN       | Servicio de Información Toxicológica<br>Instituto Nacional de Toxicología, Departamento de Madrid                                                                  | Calle Luis Cabrera 9<br>E-28002 Madrid                               | +34 91 562 04 20                                            |
| SWEDEN      | Giftinformationscentralen<br>Swedish Poisons Information Centre, Karolinska Hospital                                                                               | Box 60 500<br>SE-171 76 Stockholm                                    | +46 8 33 12 31<br>(International) 112 (National)            |
| SWITZERLAND | Centre Suisse d'Information Toxicologique                                                                                                                          | Freiestrasse 16 Postfach CH-8028 Zurich                              | +41 44 251 51 51<br>(International) 145 (National)          |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH phrases

: EUH208 - Contains 1,2-benzisothiazolone(2634-33-5). May produce an allergic reaction  
EUH210 - Safety data sheet available on request

### 2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Components with health hazards present above the applicable thresholds or with Exposure Limit values are shown. Exact concentrations withheld as trade secret.

| Name                    | Product identifier                                                    | %       | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP]        |
|-------------------------|-----------------------------------------------------------------------|---------|--------------------------------------------------|------------------------------------------------------------------------|
| butyl 3-hydroxybutyrate | (CAS No) 53605-94-0<br>(EC no) 258-658-1                              | 1 – 9   | Xi; R36                                          | Eye Irrit. 2, H319                                                     |
| Glycerol                | (CAS No) 56-81-5<br>(EC no) 200-289-5                                 | 0.1 – 8 | Not classified                                   | Not classified                                                         |
| Benzyl alcohol          | (CAS No) 100-51-6<br>(EC no) 202-859-9<br>(EC index no) 603-057-00-5  | < 0.1   | Xn; R20/22                                       | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation:dust,mist), H332 |
| Citral                  | (CAS No) 5392-40-5<br>(EC no) 226-394-6<br>(EC index no) 605-019-00-3 | < 0.1   | Xi; R38<br>R43                                   | Skin Irrit. 2, H315<br>Skin Sens. 1, H317                              |
| decan-1-ol              | (CAS No) 112-30-1<br>(EC no) 203-956-9                                | < 0.1   | Xi; R36/38<br>N; R51/53                          | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 2, H411   |

Full text of R-, H- and EUH-phrases: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water.
- First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.
- Symptoms/injuries after ingestion : Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

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

All treatments should be based on observed signs and symptoms of distress in the patient.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray.
- Unsuitable extinguishing media : Do not use a heavy water stream.

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

- Fire hazard : No specific fire or explosion hazard.
- Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide.

#### 5.3. Advice for firefighters

- Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses. Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing. EN 469.

### SECTION 6: Accidental release measures

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

- General measures : This product is not hazardous.

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Absorb and/or contain spill with inert material, then place in suitable container.
- Methods for cleaning up : Take up in non-combustible absorbent material and shove into container for disposal.

#### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid breathing mist, spray, vapours.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed. Store in a dry, cool and well-ventilated place.
- Incompatible products : strong acids.

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### 7.3. Specific end use(s)

Cleaner.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Glycerol (56-81-5)           |                                               |                                              |
|------------------------------|-----------------------------------------------|----------------------------------------------|
| Austria                      | Local name                                    | Glycerin mist                                |
| Belgium                      | Local name                                    | Glycérine (brouillard)                       |
| Belgium                      | Limit value (mg/m³)                           | 10 mg/m³                                     |
| Belgium                      | Remark*                                       | (brouillard)                                 |
| France                       | Local name                                    | Glycérine (aérosols de)                      |
| France                       | VME (mg/m³)                                   | 10 mg/m³                                     |
| France                       | Note (FR)                                     | (aérosols de)                                |
| Greece                       | OEL TWA (mg/m³)                               | 10 mg/m³                                     |
| Italy - Portugal - USA ACGIH | Local name                                    | Glycerin mist                                |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m³)                             | 10 mg/m³                                     |
| Italy - Portugal - USA ACGIH | Remark (ACGIH)                                | URT irr                                      |
| Spain                        | VLA-ED (mg/m³)                                | 10 mg/m³                                     |
| Switzerland                  | Local name                                    | Glycérine                                    |
| Switzerland                  | VLE (mg/m³)                                   | 100 mg/m³                                    |
| Switzerland                  | VME (mg/m³)                                   | 50 mg/m³                                     |
| Switzerland                  | Remark (CH)                                   | 4x15                                         |
| United Kingdom               | Local name                                    | Glycerol, mist                               |
| United Kingdom               | WEL TWA (mg/m³)                               | 10 mg/m³                                     |
| Czech Republic               | Local name                                    | Glycerol, mlha                               |
| Czech Republic               | Expoziční limity (PEL) (mg/m3)                | 10 mg/m³                                     |
| Czech Republic               | Expoziční limity (PEL) (ppm)                  | 2.4 ppm                                      |
| Czech Republic               | Expoziční limity (NPK-P) (mg/m3)              | 15 mg/m³                                     |
| Czech Republic               | Expoziční limity (NPK-P) (ppm)                | 3.7 ppm                                      |
| Finland                      | Local name                                    | Glyseroli                                    |
| Finland                      | HTP-arvo (8h) (mg/m3)                         | 20 mg/m³                                     |
| Ireland                      | Local name                                    | Glycerol, mist                               |
| Ireland                      | OEL (8 hours ref) (mg/m3)                     | 10 mg/m³                                     |
| Poland                       | Local name                                    | Glicerol aerozole                            |
| Poland                       | NDS (mg/m3)                                   | 10 mg/m³                                     |
| Slovakia                     | NPHV (priemerná) (mg/m3)                      | 10 mg/m³                                     |
| Portugal                     | Local name                                    | Glicerina, névoas                            |
| Portugal                     | OEL TWA (mg/m³)                               | 10 mg/m³                                     |
| Croatia                      | Local name                                    | Glicerol                                     |
| Croatia                      | GVI (granična vrijednost izloženosti) (mg/m³) | 10 mg/m³                                     |
| Benzyl alcohol (100-51-6)    |                                               |                                              |
| Bulgaria                     | Local name                                    | Бензилналкохол                               |
| Bulgaria                     | OEL TWA (mg/m³)                               | 5 mg/m³                                      |
| Latvia                       | Local name                                    | Benzilspirts (fenilmetanols, fenilkarbinols) |
| Latvia                       | OEL TWA (mg/m³)                               | 5 mg/m³                                      |
| Czech Republic               | Local name                                    | Benzylalkohol                                |
| Czech Republic               | Expoziční limity (PEL) (mg/m3)                | 40 mg/m³                                     |
| Czech Republic               | Expoziční limity (PEL) (ppm)                  | 9 ppm                                        |
| Czech Republic               | Expoziční limity (NPK-P) (mg/m3)              | 80 mg/m³                                     |
| Czech Republic               | Expoziční limity (NPK-P) (ppm)                | 18.1 ppm                                     |
| Finland                      | Local name                                    | Bentsyylialkoholi                            |
| Finland                      | HTP-arvo (8h) (mg/m3)                         | 45 mg/m³                                     |
| Finland                      | HTP-arvo (8h) (ppm)                           | 10 ppm                                       |
| Lithuania                    | Local name                                    | Benzilo alkoholis                            |

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| Benzyl alcohol (100-51-6)    |                                                                 |                                        |
|------------------------------|-----------------------------------------------------------------|----------------------------------------|
| Lithuania                    | IPRV (mg/m <sup>3</sup> )                                       | 5 mg/m <sup>3</sup>                    |
| Lithuania                    | Remark (LT)                                                     | O Ū                                    |
| Poland                       | Local name                                                      | Fenylometanol                          |
| Poland                       | NDS (mg/m <sup>3</sup> )                                        | 240 mg/m <sup>3</sup>                  |
| 1-Dodecanol (112-53-8)       |                                                                 |                                        |
| Germany                      | Local name                                                      | Dodecan-1-ol(LangkettigeAlkohole)      |
| Germany                      | TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> ) | 155 mg/m <sup>3</sup>                  |
| Germany                      | TRGS 900 Occupational exposure limit value (ppm)                | 20 ppm                                 |
| Germany                      | TRGS 900 Limitation of exposure peaks (mg/m <sup>3</sup> )      | 155 mg/m <sup>3</sup>                  |
| Germany                      | TRGS 900 Limitation of exposure peaks (ppm)                     | 20 ppm                                 |
| Germany                      | Remark (TRGS 900)                                               | AGS                                    |
| Latvia                       | Local name                                                      | Dodecilsirts (dodekanols, laurilsirts) |
| Latvia                       | OEL TWA (mg/m <sup>3</sup> )                                    | 10 mg/m <sup>3</sup>                   |
| Citral (5392-40-5)           |                                                                 |                                        |
| Italy - Portugal - USA ACGIH | ACGIH TWA (ppm)                                                 | 5 ppm                                  |
| Poland                       | NDS (mg/m <sup>3</sup> )                                        | 27 mg/m <sup>3</sup>                   |
| Poland                       | NDSch (mg/m <sup>3</sup> )                                      | 54 mg/m <sup>3</sup>                   |
| decan-1-ol (112-30-1)        |                                                                 |                                        |
| Lithuania                    | IPRV (mg/m <sup>3</sup> )                                       | 10 mg/m <sup>3</sup>                   |

### 8.2. Exposure controls

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Avoid creating mist or spray. Avoid splashing.                                                                                                          |
| Personal protective equipment    | : Avoid all unnecessary exposure.                                                                                                                         |
| Hand protection                  | : None under normal use.                                                                                                                                  |
| Eye protection                   | : No special eye protection equipment recommended under normal conditions of use. In case of splashing or aerosol production: protective goggles. EN 166. |
| Respiratory protection           | : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.                                    |
| Other information                | : Do not eat, drink or smoke when using this product.                                                                                                     |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                            |                                  |
|--------------------------------------------|----------------------------------|
| Physical state                             | : Liquid                         |
| Appearance                                 | : Cloth impregnated with liquid. |
| Colour                                     | : Purple. yellow.                |
| Odour                                      | : No data available              |
| Odour threshold                            | : No data available              |
| pH                                         | : No data available              |
| Relative evaporation rate (butylacetate=1) | : No data available              |
| Melting point                              | : No data available              |
| Freezing point                             | : No data available              |
| Boiling point                              | : No data available              |
| Flash point                                | : > 93.3 °C                      |
| Self ignition temperature                  | : No data available              |
| Decomposition temperature                  | : No data available              |
| Flammability (solid, gas)                  | : No data available              |
| Vapour pressure                            | : No data available              |
| Relative vapour density at 20 °C           | : No data available              |
| Relative density                           | : No data available              |
| Solubility                                 | : No data available              |
| Log Pow                                    | : No data available              |
| Viscosity, kinematic                       | : No data available              |
| Viscosity, dynamic                         | : No data available              |
| Explosive properties                       | : No data available              |
| Oxidising properties                       | : No data available              |

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Explosive limits : No data available

### 9.2. Other information

VOC content : < 0.5 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Avoid excessive heat or cold.

### 10.5. Incompatible materials

Strong acids.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

| Glycerol (56-81-5) |                           |
|--------------------|---------------------------|
| LD50 oral rat      | 5570 mg/kg                |
| ATE (oral)         | 5570.000 mg/kg bodyweight |

| Benzyl alcohol (100-51-6) |                          |
|---------------------------|--------------------------|
| ATE (oral)                | 500.000 mg/kg bodyweight |
| ATE (dust,mist)           | 1.500 mg/l/4h            |

| 1-Dodecanol (112-53-8) |                           |
|------------------------|---------------------------|
| LD50 oral rat          | > 2000 mg/kg              |
| LD50 dermal rabbit     | 8000 - 12000 mg/kg        |
| ATE (dermal)           | 8000.000 mg/kg bodyweight |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure) : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure) : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

## SECTION 12: Ecological information

### 12.1. Toxicity

| 1-Dodecanol (112-53-8) |                 |
|------------------------|-----------------|
| LC50 fishes 1          | 1.01 mg/l       |
| EC50 Daphnia 1         | 0.765 mg/l 48 h |

### 12.2. Persistence and degradability

| LA-CO Lifter Wipes®           |                                                         |
|-------------------------------|---------------------------------------------------------|
| Persistence and degradability | May cause long-term adverse effects in the environment. |

| Glycerol (56-81-5)            |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

| 1-Dodecanol (112-53-8)        |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

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### 12.3. Bioaccumulative potential

| 1-Dodecanol (112-53-8) |     |
|------------------------|-----|
| Log Pow                | 5.4 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| LA-CO Lifter Wipes®    |                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PBT: not yet assessed  |                                                                                                                                                             |
| vPvB: not yet assessed |                                                                                                                                                             |
| Component              |                                                                                                                                                             |
| Glycerol (56-81-5)     | This substance/mixture does not meet the PBT criteria of REACH, annex XIII.<br>This substance/mixture does not meet the vPvB criteria of REACH, annex XIII. |

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                 |                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Sewage disposal recommendations | : Do not dispose of waste into sewer.                                                                              |
| Waste disposal recommendations  | : Dispose in a safe manner in accordance with local/national regulations.                                          |
| EURLW code                      | : For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. |

## SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

### 14.1. UN number

Not considered a dangerous good for transport regulations

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Inland waterway transport

Carriage prohibited (ADN) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

VOC content : < 0.5 %

#### 15.1.2. National regulations

Germany



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Water hazard class (WGK) : 1 - slightly hazardous to water  
WGK remark : Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

GHS classification information. Revised sections: 1 - 16.

Data sources : ACGIH 2000.  
Canadian Centre for Occupational Health and Safety. Accessed at:  
[http://www.ccohs.ca/oshanswers/legisl/whmis\\_classifi.html](http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html).  
ESIS (European chemical Substances Information System; accessed at:  
<http://esis.jrc.ec.europa.eu/index.php?PGM=cla>.  
European Chemicals Agency (ECHA) Registered Substances list. Accessed at  
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Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists).  
ATE: Acute Toxicity Estimate.  
CAS (Chemical Abstracts Service) number.  
CLP: Classification, Labelling, Packaging.  
EC50: Environmental Concentration associated with a response by 50% of the test population.  
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).  
LD50: Lethal Dose for 50% of the test population.  
OSHA: Occupational Safety & Health Administration.  
PBT: Persistent, Bioaccumulative, Toxic.  
PNEC: Predicted No Effect Level.  
STEL: Short Term Exposure Limits.  
TSCA: Toxic Substances Control Act.  
TWA: Time Weight Average.

Other information : None.

Full text of R-, H- and EUH-phrases::

|                                     |                                                                  |
|-------------------------------------|------------------------------------------------------------------|
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4                 |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral) Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment - Acute Hazard Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1                         | Aspiration hazard Category 1                                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation Category 2                     |
| Flam. Liq. 3                        | Flammable liquids Category 3                                     |
| Skin Irrit. 2                       | skin corrosion/irritation Category 2                             |
| Skin Sens. 1                        | Skin sensitisation Category 1                                    |
| H226                                | Flammable liquid and vapour                                      |
| H302                                | Harmful if swallowed                                             |
| H304                                | May be fatal if swallowed and enters airways                     |
| H315                                | Causes skin irritation                                           |
| H317                                | May cause an allergic skin reaction                              |
| H319                                | Causes serious eye irritation                                    |
| H332                                | Harmful if inhaled                                               |
| H400                                | Very toxic to aquatic life                                       |
| H410                                | Very toxic to aquatic life with long lasting effects             |



# LA-CO Lifter Wipes®

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

|        |                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------|
| H411   | Toxic to aquatic life with long lasting effects                                                  |
| R10    | Flammable.                                                                                       |
| R20/22 | Harmful by inhalation and if swallowed.                                                          |
| R22    | Harmful if swallowed.                                                                            |
| R36    | Irritating to eyes.                                                                              |
| R36/38 | Irritating to eyes and skin.                                                                     |
| R38    | Irritating to skin.                                                                              |
| R43    | May cause sensitisation by skin contact.                                                         |
| R50    | Very toxic to aquatic organisms.                                                                 |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.      |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.    |
| R65    | Harmful: may cause lung damage if swallowed.                                                     |
| N      | Dangerous for the environment                                                                    |
| Xi     | Irritant                                                                                         |
| Xn     | Harmful.                                                                                         |

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LA-CO EU CLP SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*