

## Safety Data Sheet

According to Annex II to REACH - Regulation 2020/878 and to Annex II to UK REACH

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

#### 1.1. Product identifier

Code: OL103  
Product name: SILICONE SPRAY 400 ml AMBRO-SOL  
Chemical name and synonym: Lubricant  
UFI: 2V60-E0UK-F00X-KC9P

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

Intended use: Aerosol silicone.

| Identified Uses  | Industrial | Professional | Consumer |
|------------------|------------|--------------|----------|
| Consumer         | -          | -            | ✓        |
| Industrial Use   | ✓          | -            | -        |
| Professional Use | -          | ✓            | -        |

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

Name: AMBRO-SOL SRL SOCIETA' BENEFIT  
Full address: Via per Pavone del Mella n.21  
District and Country: 25020 Cigole (BS)  
Italia  
Tel. +39 030 9959674  
Fax +39 030 959265

e-mail address of the competent person  
responsible for the Safety Data Sheet

regulatory@ambro-sol.com

#### 1.4. Emergency telephone number

For urgent inquiries refer to

IT - Centro Antiveleni e Centro Nazionale di Informazione Tossicologica: Tel. 0382 24444 (IRCCS Fondazione Salvatore Maugeri - Pavia)  
IT - Centro Antiveleni di Milano: Tel. 02 66101029 (Ospedale Niguarda Ca' Granda - Milano)  
IT - Centro Antiveleni di Roma: Tel. 06 3054 343 (Policlinico Universitario A. Gemelli IRCCS - Roma)  
IT - Centro Antiveleni di Bergamo: Tel. 800 883300 (ASST Papa Giovanni XXIII - Bergamo)  
IT - Centro Antiveleni di Firenze: Tel. 055 794 7819 (Azienda Ospedaliera Universitaria Careggi - Firenze)  
IT - Centro Antiveleni di Napoli: Tel. 081 5453333 (Azienda Ospedaliera A. Cardarelli - Napoli)  
AT - Vergiftungsinformationszentrale (VIZ): Tel. +43 01 406 4343 (Austria)  
BE - Belgisch Antigifcentrum: Tel. 070 245245 (Belgium)  
BG - НАЦИОНАЛЕН ЦЕНТЪР ПО ТОКСИКОЛОГИЯ: Tel. +359 2 9154 233 (Bulgaria)  
HR - Centar za kontrolu otrovanja: Tel. +385 1 2348342 (Croatia)  
CY - Τμήμα Επιθεώρησης Εργασίας (TEE): Tel. 1401 (Cyprus)  
CZ - Toxikologické informační středisko (TIS): Tel. +420 224 919 293 or +420 224 915 402 (Czech Republic)  
DK - Giftlinjen: Ring 82 12 12 12 (Denmark)  
EE - Mürgistusteabekeskus: Tel. 16662 (Estonia)  
FI - Myrkytystietokeskus: Tel. 0800 147 111 or 09 471 977 (Finland)  
FR - ORFILA (INRS): Tél. +33 (0) 1 45 42 59 59 (France)

DE - Giftnotruf der Charité Universitätsmedizin Berlin: Tel. +49 030 19240 (Germany)  
 GR - Κέντρο Δηλητηριάσεων: Τηλ. 210 7793777 (Greece)  
 HU - Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ): Tel. +36 80 20 1199 (Hungary)  
 IS - Eitrunarmiðstöð: Tel. 543 2222 (Iceland)  
 IE - National Poisons Information Centre (NPIC): Tel. 01 8092566 or 01 8379964 (Republic of Ireland)  
 LV - Latvian Poisons Information Centre: Tel. +371 67042473 (Latvia)  
 LT - Apsinuodijimų Informacijos biuras: Tel. 8-5 236 2052 (Lithuania)  
 LU - Giftinformationszentrum: Tel. +352 8002 5500 (Luxembourg)  
 NL - Nationaal Vergiftigingen Informatie Centrum (NVIC): Tel. 030 274 88 88 (Netherlands)  
 NO - Giftinformasjonen: Tel. 22 9 13 00 (Norway)  
 PL - Pomorskie Centrum Toksykologii: Tel. +58 682 04 04 (Poland)  
 PT - Centro de Informação Antivenenos (CIAV): Tel. 800 250 250 (Portugal)  
 RO - Biroul RSI Si Informare Toxicologica: Tel. 021 318 36 06 (Romania)  
 SK - Národné Toxikologické informačné centrum (NTIC): Tel. 02 5477 4166 (Slovakia)  
 SI - Center za klinično toksikologijo in farmakologijo: Tel. 112 (Slovenia)  
 ES - Servicio de Información Toxicológica (SIT) España: Tel.+34 91 562 04 20 (Spain)  
 SE - Giftinformationscentralen: Tel. 112 (Sweden)  
 CH - Schweizerisches Toxikologisches Informationszentrum (STIZ): Tel. +41 145 (Switzerland)  
 GB - National Poisons Information Service (NPIS) Tel. 0344 892 0111 (United Kingdom)  
 Members of the Public: NHS 111 (England), NHS 24 (Scotland) or NHS Direct (Wales)

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

|  |      |  |
|--|------|--|
| Aerosol, category 1  | H222 | Extremely flammable aerosol.                     |
|  | H229 | Pressurised container: may burst if heated.      |
| Skin irritation, category 2  | H315 | Causes skin irritation.                          |
| Specific target organ toxicity - single exposure, category 3       | H336 | May cause drowsiness or dizziness.               |
| Hazardous to the aquatic environment, chronic toxicity, category 2 | H411 | Toxic to aquatic life with long lasting effects. |

### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Danger

## OL103 - SILICONE SPRAY 400 ml AMBRO-SOL

## Hazard statements:

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

## Precautionary statements:

|                  |  |
|------------------|--|
| <b>P210</b>      | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| <b>P251</b>      | Do not pierce or burn, even after use.   |
| <b>P410+P412</b> | Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.                   |
| <b>P501</b>      | Dispose of contents/container in accordance with local regulations.                            |
| <b>P102</b>      | Keep out of reach of children.   |
| <b>P211</b>      | Do not spray on an open flame or other ignition source.  |
| <b>P271</b>      | Use only outdoors or in a well-ventilated area.  |

**Contains:** Hydrocarbons, C6, isoalkanes

## 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration  $\geq$  0.1%.

## SECTION 3. Composition/information on ingredients

## 3.2. Mixtures

## Contains:

| Identification                      | x = Conc. %      | Classification (EC) 1272/2008 (CLP)   |
|-------------------------------------|------------------|---|
| <b>Hydrocarbons, C6, isoalkanes</b> |                  |   |
| INDEX 649-328-00-1                  | $43 \leq x < 47$ | Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, STOT SE 3 H336, Aquatic Chronic 2 H411, Classification note according to Annex VI to the CLP Regulation: P |
| EC 265-151-9                        |                  |   |
| CAS 64742-49-0                      |                  |   |
| REACH Reg. 012119484651-34-XXXX     |                  |   |
| <b>Propane</b>                      |                  |   |
| INDEX 601-003-00-5                  | $27 \leq x < 31$ | Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U   |
| EC 200-827-9                        |                  |   |
| CAS 74-98-6                         |                  |   |
| REACH Reg. 01-2119486944-21-0046    |                  |   |
| <b>Butane</b>                       |                  |   |
| INDEX 601-004-00-0                  | $11 \leq x < 15$ | Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C, U  |
| EC 203-448-7                        |                  |   |
| CAS 106-97-8                        |                  |   |
| REACH Reg. 01-2119474691-32-XXXX    |                  |   |

## OL103 - SILICONE SPRAY 400 ml AMBRO-SOL

**Isobutane**

INDEX 601-004-00-0

 $1 \leq x < 3$ 

Flam. Gas 1A H220, Press. Gas H280

EC 200-857-2

CAS 75-28-5

REACH Reg. 01-2119485395-27-XXXX

The full wording of hazard (H) phrases is given in section 16 of the sheet.

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 42,95 %

Hydrocarbons, C6, isoalkanes

Hydrocarbons, C6, isoalkanes, <5% n-hexane: a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20Å ° C to 190Å ° C (-4Å ° F to 374Å ° F).

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

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

**SECTION 5. Firefighting measures****5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

**UNSUITABLE EXTINGUISHING EQUIPMENT**

None in particular.

**5.2. Special hazards arising from the substance or mixture****HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

**5.3. Advice for firefighters**

**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

**6.2. Environmental precautions**

Do not disperse in the environment.

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

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

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

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

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

Information not available

**SECTION 8. Exposure controls/personal protection****8.1. Control parameters****Regulatory References:**

DEU Deutschland

Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte.  
MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher

|     |                             |  |
|-----|-----------------------------|--|
| ESP | España                      | Arbeitsstoffe, Mitteilung 56<br>Límites de exposición profesional para agentes químicos en España 2021<br>Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS<br>Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ ``σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με την έκθεση σε καρκινογόνους ή μεταλλαζιγόνους παράγοντες κατά την εργασία``»<br>Az innovációért és technológiáért felelős miniszter 5/2020. (II. 6.) ITM rendelete a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről<br>Rozporządzenie ministra rozwoju, pracy i technologii z dnia 18 lutego 2021 r. Zmieniające rozporządzenie w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy<br>EH40/2005 Workplace exposure limits (Fourth Edition 2020)<br>ACGIH 2021 |
| FRA | France                      |  |
| GRC | Ελλάδα                      |  |
| HUN | Magyarország                |  |
| POL | Polska                      |  |
| GBR | United Kingdom<br>TLV-ACGIH |  |

| Hydrocarbons, C6, isoalkanes                   |                      |                |               |                  |                    |                        |               |                  |
|--|----------------------|----------------|---------------|------------------|--------------------|------------------------|---------------|------------------|
| Threshold Limit Value                          |                      |                |               |                  |                    |                        |               |                  |
| Type   | Country              | TWA/8h         |               | STEL/15min       |                    | Remarks / Observations |               |                  |
|  |                      | mg/m3          | ppm           | mg/m3            | ppm                |                        |               |                  |
| NDS/NDSch                                      | POL                  | 500            |               | 1500             |                    |                        |               |                  |
| Health - Derived no-effect level - DNEL / DMEL |                      |                |               |                  |                    |                        |               |                  |
|  | Effects on consumers |                |               |                  | Effects on workers |                        |               |                  |
| Route of exposure                              | Acute local          | Acute systemic | Chronic local | Chronic systemic | Acute local        | Acute systemic         | Chronic local | Chronic systemic |
| Oral   |                      |                |               | 1301 mg/kg bw/d  |                    |                        |               |                  |
| Inhalation                                     |                      |                |               | 1137 mg/m3       |                    |                        |               | 5306 mg/m3       |
| Skin   |                      |                |               | 1377 mg/kg bw/d  |                    |                        |               | 13964 mg/kg bw/d |

| Propane               |         |        |      |            |      |                        |
|-----------------------|---------|--------|------|------------|------|------------------------|
| Threshold Limit Value |         |        |      |            |      |                        |
| Type                  | Country | TWA/8h |      | STEL/15min |      | Remarks / Observations |
|                       |         | mg/m3  | ppm  | mg/m3      | ppm  |                        |
| AGW                   | DEU     | 1800   | 1000 | 7200       | 4000 |                        |
| MAK                   | DEU     | 1800   | 1000 | 7200       | 4000 |                        |
| VLA                   | ESP     |        | 1000 |            |      |                        |
| TLV                   | GRC     | 1800   | 1000 |            |      |                        |
| NDS/NDSch             | POL     | 1800   |      |            |      |                        |

| Butane                |         |        |      |            |      |                        |
|-----------------------|---------|--------|------|------------|------|------------------------|
| Threshold Limit Value |         |        |      |            |      |                        |
| Type                  | Country | TWA/8h |      | STEL/15min |      | Remarks / Observations |
|                       |         | mg/m3  | ppm  | mg/m3      | ppm  |                        |
| AGW                   | DEU     | 2400   | 1000 | 9600       | 4000 |                        |
| MAK                   | DEU     | 2400   | 1000 | 9600       | 4000 |                        |
| VLA                   | ESP     |        | 1000 |            |      | Gases                  |
| VLEP                  | FRA     | 1900   | 800  |            |      |                        |
| TLV                   | GRC     | 2350   | 1000 |            |      |                        |
| AK                    | HUN     | 2350   |      | 9400       |      |                        |
| NDS/NDSch             | POL     | 1900   |      | 3000       |      |                        |
| WEL                   | GBR     | 1450   | 600  | 1810       | 750  |                        |
| WEL                   | GBR     |        | 4    |            |      | RESP                   |

|  |  |
|--|--|
| <b>AMBRO-SOL SRL SOCIETA' BENEFIT</b>          | Revision nr. 18                          |
| <b>OL103 - SILICONE SPRAY 400 ml AMBRO-SOL</b> | Dated 09/11/2022                         |
|  | Printed on 09/11/2022                    |
|  | Page n. 7/16                             |
|  | Replaced revision:17 (Dated: 02/09/2021) |

|           |      |
|-----------|------|
| TLV-ACGIH | 1000 |
|-----------|------|

|                              |         |        |            |                        |     |
|------------------------------|---------|--------|------------|------------------------|-----|
| <b>Isobutane</b>             |         |        |            |                        |     |
| <b>Threshold Limit Value</b> |         |        |            |                        |     |
| Type                         | Country | TWA/8h | STEL/15min | Remarks / Observations |     |
|                              |         | mg/m3  | ppm        | mg/m3                  | ppm |
| TLV-ACGIH                    |         |        | 800        |                        |     |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

**8.2. Exposure controls**

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

**HAND PROTECTION**  
None required.

**SKIN PROTECTION**  
Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

**EYE PROTECTION**  
Wear airtight protective goggles (see standard EN 166).

**RESPIRATORY PROTECTION**  
If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).  
Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

**ENVIRONMENTAL EXPOSURE CONTROLS**  
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

|   |              |                    |
|---|--------------|--------------------|
| <b>SECTION 9. Physical and chemical properties</b>                |              |                    |
| <b>9.1. Information on basic physical and chemical properties</b> |              |                    |
| <b>Properties</b>   | <b>Value</b> | <b>Information</b> |
| Appearance  | aerosol      |                    |

## OL103 - SILICONE SPRAY 400 ml AMBRO-SOL

|  |                           |   |
|--|---------------------------|---|
| Colour                                 | colourless                |   |
| Odour                                  | characteristic of solvent |   |
| Melting point / freezing point         | not available             |   |
| Initial boiling point                  | not available             |   |
| Flammability                           | flammable gas             |   |
| Lower explosive limit                  | not available             |   |
| Upper explosive limit                  | not available             |   |
| Flash point                            | < 0 °C                    |   |
| Auto-ignition temperature              | not available             |   |
| Decomposition temperature              | not available             |   |
| pH                                     | not available             | Reason for missing data:substance/mixture is non-polar/aprotic (eg: an organic solvent mixture) |
| Kinematic viscosity                    | not available             |   |
| Solubility                             | insoluble in water        |   |
| Partition coefficient: n-octanol/water | not available             |   |
| Vapour pressure                        | not available             |   |
| Density and/or relative density        | 0,62 ÷ 0,66 kg/l          | Temperature: 20 °C  |
| Relative vapour density                | not available             |   |
| Particle characteristics               | not applicable            |   |

**9.2. Other information**

## 9.2.1. Information with regard to physical hazard classes

Information not available

## 9.2.2. Other safety characteristics

|                            |  |
|----------------------------|--|
| VOC (Directive 2010/75/EU) | 99,54 % - 637,02 g/litre                 |
| Explosive properties       | not applicable                           |
| Oxidising properties       | not applicable                           |
| Flash point                | 300°C (Afnor T 60103) (base)             |
| Self-ignition temperature  | >400°C (base)                            |
| Density                    | 0,969 25°C g/cm <sup>3</sup> (base)      |
| Viscosity                  | 350 - 500 mm <sup>2</sup> /s 25°C (base) |

**SECTION 10. Stability and reactivity****10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

**10.2. Chemical stability**

The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**



No hazardous reactions are foreseeable in normal conditions of use and storage.

#### **10.4. Conditions to avoid**

Avoid overheating.

#### **10.5. Incompatible materials**

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

#### **10.6. Hazardous decomposition products**

Information not available

## **SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

##### Metabolism, toxicokinetics, mechanism of action and other information

Information not available

##### Information on likely routes of exposure

Information not available

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

##### Interactive effects

Information not available

#### ACUTE TOXICITY

**OL103 - SILICONE SPRAY 400 ml AMBRO-SOL**

ATE (Inhalation) of the mixture:  
ATE (Oral) of the mixture:  
ATE (Dermal) of the mixture:

Not classified (no significant component)  
Not classified (no significant component)  
Not classified (no significant component)

Hydrocarbons, C6, isoalkanes

LD50 (Dermal):  
LD50 (Oral):  
LC50 (Inhalation vapours):

> 2000 mg/kg bw rabbit  
> 2000 mg/kg bw rat  
> 25 mg/l/4h air (rat)

Propane

LC50 (Inhalation mists/powders):

800000 ppm 15 min

Butane

LC50 (Inhalation mists/powders):

> 1442,738 mg/l/15min rat

Isobutane

LC50 (Inhalation mists/powders):

> 1442,738 mg/l/15min rat

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

#### STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

#### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### ASPIRATION HAZARD

Excluded because the aerosol does not allow the accumulation of a significant amount of product in the mouth

#### **11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

## **SECTION 12. Ecological information**

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment.

#### **12.1. Toxicity**

Butane  
LC50 - for Fish > 24,11 mg/l/96h

Propane  
LC50 - for Fish 85,82 mg/l/96h  
EC50 - for Crustacea 41,82 mg/l/48h

Hydrocarbons, C6, isoalkanes  
LC50 - for Fish 8,41 mg/l/96h  
EC50 - for Crustacea 4,7 mg/l/48h  
EC50 - for Algae / Aquatic Plants > 12 mg/l/72h  
Chronic NOEC for Algae / Aquatic Plants 6,47 mg/l

Isobutane  
LC50 - for Fish > 24,11 mg/l/96h

#### **12.2. Persistence and degradability**

Propane

Global Warming Potential (GWP): 3. Ozone Depletion Potential (ODP): 0.

Butane

Solubility in water 0,1 - 100 mg/l

Rapidly degradable

Propane

Solubility in water 0,1 - 100 mg/l

Rapidly degradable

Hydrocarbons, C6, isoalkanes

Rapidly degradable

Isobutane

Rapidly degradable

### 12.3. Bioaccumulative potential

Butane

Partition coefficient: n-octanol/water 1,09

Propane

Partition coefficient: n-octanol/water 1,09

### 12.4. Mobility in soil

Hydrocarbons, C6, isoalkanes

Partition coefficient: soil/water 1,78

### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

### 12.7. Other adverse effects

Information not available

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Product residues are to be considered special hazardous waste.

Empty cans, even if completely emptied, must not be dispersed in the environment.

## OL103 - SILICONE SPRAY 400 ml AMBRO-SOL

The aerosol container overheated to a temperature above 50 ° C may burst even if it contains a small residue of gas.

Disposal must take place in an authorized place and in compliance with the laws in force.

The transport of waste may be subject to ADR.

European waste catalog code (contaminated containers):

Aerosol as domestic waste is excluded from the application of the aforementioned rule.

The exhausted aerosol for professional / industrial use can be classified:

15.01.11 \*: metallic packaging containing dangerous solid porous matrices, including empty pressure containers.

**SECTION 14. Transport information****14.1. UN number or ID number**

ADR / RID, IMDG, IATA: 1950

**14.2. UN proper shipping name**

ADR / RID: AEROSOLS

IMDG: AEROSOLS

IATA: AEROSOLS, FLAMMABLE

**14.3. Transport hazard class(es)**

ADR / RID: Class: 2 Label: 2.1

IMDG: Class: 2 Label: 2.1

IATA: Class: 2 Label: 2.1

**14.4. Packing group**

ADR / RID, IMDG, IATA: -

**14.5. Environmental hazards**

ADR / RID: Environmentally Hazardous

IMDG: Marine Pollutant

IATA: NO



For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

**14.6. Special precautions for user**

ADR / RID: HIN - Kemler: --

Special provision: -

IMDG: EMS: F-D, S-U

Limited  
Quantities: 1  
L

Limited  
Quantities: 1

Tunnel  
restriction  
code: (D)

|       |                    |                                     |                                   |
|-------|--------------------|-------------------------------------|-----------------------------------|
| IATA: | Cargo:             | L<br>Maximum<br>quantity: 150<br>Kg | Packaging<br>instructions:<br>203 |
|       | Pass.:             | Maximum<br>quantity: 75<br>Kg       | Packaging<br>instructions:<br>203 |
|       | Special provision: | A145, A167,<br>A802                 |                                   |

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

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

Seveso Category - Directive 2012/18/EU: P3a-E2

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

|                |    |
|----------------|----|
| <u>Product</u> |    |
| Point          | 40 |

|                            |    |
|----------------------------|----|
| <u>Contained substance</u> |    |
| Point                      | 75 |

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage  $\geq$  than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

## OL103 - SILICONE SPRAY 400 ml AMBRO-SOL

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

**15.2. Chemical safety assessment**

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

**SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

|                          |  |
|--------------------------|--|
| <b>Flam. Gas 1A</b>      | Flammable gas, category 1A   |
| <b>Aerosol 1</b>         | Aerosol, category 1  |
| <b>Aerosol 3</b>         | Aerosol, category 3  |
| <b>Flam. Liq. 2</b>      | Flammable liquid, category 2                                       |
| <b>Press. Gas (Liq.)</b> | Liquefied gas  |
| <b>Press. Gas</b>        | Pressurised gas  |
| <b>Asp. Tox. 1</b>       | Aspiration hazard, category 1                                      |
| <b>Skin Irrit. 2</b>     | Skin irritation, category 2  |
| <b>STOT SE 3</b>         | Specific target organ toxicity - single exposure, category 3       |
| <b>Aquatic Chronic 2</b> | Hazardous to the aquatic environment, chronic toxicity, category 2 |
| <b>H220</b>              | Extremely flammable gas.   |
| <b>H222</b>              | Extremely flammable aerosol.                                       |
| <b>H229</b>              | Pressurised container: may burst if heated.                        |
| <b>H225</b>              | Highly flammable liquid and vapour.                                |
| <b>H280</b>              | Contains gas under pressure; may explode if heated.                |
| <b>H304</b>              | May be fatal if swallowed and enters airways.                      |
| <b>H315</b>              | Causes skin irritation.  |
| <b>H336</b>              | May cause drowsiness or dizziness.                                 |
| <b>H411</b>              | Toxic to aquatic life with long lasting effects.                   |

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation

- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

#### Changes to previous review:

The following sections were modified:

01 / 02 / 08 / 09 / 11 / 14 / 15.