

**LUB REFRIGERANT ASS LVP 150MLX12 BABYLISS PRO - A20478**



**S.I.C.O.**

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

**>SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**> 1.1. Product identifier**

Product name : LUB REFRIGERANT ASS LVP 150MLX12 BABYLISS PRO

Product code : A20478.

UFI : 9FX5-T1XR-MW15-TGGK 6200-T0TJ-5007-T92V

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

Detergent

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

Registered company name : SICO.

Address : 577 RUE DU POMMARIN - BP 16 - .38 341.VOREPPE.France.

Telephone : 04 76 50 85 50. Fax : 04 76 50 85 67.

sico.fds@sico.net

www.sico.net

**1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

**>SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Aerosol, Category 1 (Aerosol 1, H222 - H229).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**2.2. Label elements**

Detergent mixture (see section 15).

Mixture for aerosol application.

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS02

Signal Word :

DANGER

Hazard statements :

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

Precautionary statements - Prevention :

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.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing spray.

Precautionary statements - Storage :

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary statements - Disposal :

P501 Dispose of contents/container according to the local rules.

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Other information :

Do not use the product in another way of what it is intended to. Use and store only in a well-ventilated area. Do not spray for a long time.

**> 2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

REACH SVHC  $< 0.1\%$

Considering the information communicated by our suppliers, according to the article 33 of the REACH, the mixture contains, in the date of revision of the FDS, less than  $0.1\%$  m/m of 'Substances extrêmement préoccupantes' (SVHC) published by the European Agency of Chemicals (ECHA) according to the article 57 of the REACH: <http://echa.europa.eu/fr/candidate-list-table>

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

| Identification                                                                                                      | (EC) 1272/2008                                                  | Note            | %                    |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------|----------------------|
| INDEX: 601-004-00-0<br>CAS: 106-97-8<br>EC: 203-448-7<br><br>BUTANE                                                 | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220                        | C<br>[1]<br>[7] | $50 \leq x \% < 100$ |
| INDEX: 601-004-00-0<br>CAS: 75-28-5<br>EC: 200-857-2<br><br>AND ISOBUTANE                                           | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220                        | C<br>[1]<br>[7] | $10 \leq x \% < 25$  |
| CAS: 8042-47-5<br>EC: 232-455-8<br>REACH: 01-2119487078-27<br><br>CAS 8042-47-5 HUILE MINÉRALE<br>BLANCHE (PÉTROLE) | GHS08<br>Dgr<br>Asp. Tox. 1, H304                               | [1]             | $10 \leq x \% < 25$  |
| INDEX: 601-003-00-5<br>CAS: 74-98-6<br>EC: 200-827-9<br><br>PROPANE                                                 | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220                        | [1]<br>[7]      | $10 \leq x \% < 25$  |
| CAS: 64-17-5<br>EC: 200-578-6<br>REACH: 01-2119457610-43<br><br>ETHANOL                                             | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319 | [1]             | $0 \leq x \% < 2.5$  |

(Full text of H-phrases: see section 16)

**Information on ingredients :**

[7] Propellant gas

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

**In the event of swallowing :**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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**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.

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**>SECTION 5 : FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

**5.1. Extinguishing media**

Keep packages near the fire cool, to prevent pressurised containers from bursting.

**> Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

**5.3. Advice for firefighters**

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

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

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

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**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

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**Fire prevention :**

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

**Storage**

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

**Packaging**

Always keep in packaging made of an identical material to the original.

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

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS      | TWA :    | STEL :   | Ceiling : | Definition : | Criteria : |
|----------|----------|----------|-----------|--------------|------------|
| 106-97-8 | 1000 ppm |          |           |              |            |
| 75-28-5  | 1000 ppm |          |           |              |            |
| 74-98-6  | 1000 ppm |          |           |              |            |
| 64-17-5  |          | 1000 ppm |           | A3           |            |

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

| CAS       | VME : | VME :                              | Excess | Notes |
|-----------|-------|------------------------------------|--------|-------|
| 106-97-8  |       | 1000 ppm<br>2400 mg/m <sup>3</sup> |        | 4(II) |
| 75-28-5   |       | 1000 ppm<br>2400 mg/m <sup>3</sup> |        | 4(II) |
| 8042-47-5 |       | 5 mg/m <sup>3</sup>                |        | 4(II) |
| 74-98-6   |       | 1000 ppm<br>1800 mg/m <sup>3</sup> |        | 4(II) |
| 64-17-5   |       | 200 ppm<br>380 mg/m <sup>3</sup>   |        | 4(II) |

- France (INRS - ED984 / 2020-1546) :

| CAS      | VME-ppm : | VME-mg/m <sup>3</sup> : | VLE-ppm : | VLE-mg/m <sup>3</sup> : | Notes : | TMP No : |
|----------|-----------|-------------------------|-----------|-------------------------|---------|----------|
| 106-97-8 | 800       | 1900                    | -         | -                       | -       | -        |

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|         |      |      |      |      |   |    |
|---------|------|------|------|------|---|----|
| 64-17-5 | 1000 | 1900 | 5000 | 9500 | - | 84 |
|---------|------|------|------|------|---|----|

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

| CAS      | TWA :                              | STEL :                            | Ceiling : | Definition : | Criteria : |
|----------|------------------------------------|-----------------------------------|-----------|--------------|------------|
| 106-97-8 | 600 ppm<br>1450 mg/m <sup>3</sup>  | 750 ppm<br>1810 mg/m <sup>3</sup> |           | Carc         |            |
| 64-17-5  | 1000 ppm<br>1920 mg/m <sup>3</sup> |                                   |           |              |            |

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

ETHANOL (CAS: 64-17-5)

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

Dermal contact.  
Long term systemic effects.  
343 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
950 mg of substance/m<sup>3</sup>

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Consumers.**

Ingestion.  
Long term systemic effects.  
87 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
206 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
114 mg of substance/m<sup>3</sup>

**Predicted no effect concentration (PNEC):**

ETHANOL (CAS: 64-17-5)

Environmental compartment:  
PNEC :

Soil.  
0.63 mg/kg

Environmental compartment:  
PNEC :

Fresh water.  
0.96 mg/l

Environmental compartment:  
PNEC :

Sea water.  
0.79 mg/l

Environmental compartment:  
PNEC :

Intermittent waste water.  
2.75 mg/l

Environmental compartment:  
PNEC :

Fresh water sediment.  
3.6 mg/kg

Environmental compartment:  
PNEC :

Marine sediment.  
2.9 mg/kg

Environmental compartment:  
PNEC :

Waste water treatment plant.  
580 mg/l

Environmental compartment:  
PNEC :

Vermivore predators (oral).  
0.38 mg/kg

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## 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVA (Polyvinyl alcohol)

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Category :

- FFP1

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- AX (Brown)

Particle filter according to standard EN143 :

- P1 (White)

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## >SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### General information :

|                  |               |
|------------------|---------------|
| Physical state : | Fluid liquid. |
|                  | Spray.        |

#### > Important health, safety and environmental information

|                                           |                |
|-------------------------------------------|----------------|
| pH :                                      | Not relevant.  |
| Boiling point/boiling range :             | Not specified. |
| Flash point interval :                    | Not relevant.  |
| Vapour pressure (50°C) :                  | Not relevant.  |
| Density :                                 | < 1            |
| Water solubility :                        | Insoluble.     |
| Melting point/melting range :             | Not specified. |
| Self-ignition temperature :               | Not specified. |
| Decomposition point/decomposition range : | Not specified. |
| Chemical combustion heat :                | >= 30 kJ/g.    |

### 9.2. Other information

No data available.

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## >SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

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**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- heating
- heat

**|> 10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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**|>SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Splashes in the eyes may cause irritation and reversible damage

**11.1.2. Mixture**

No toxicological data available for the mixture.

**|> Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 91-64-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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**>SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2019 - IMDG 2018 - ICAO/IATA 2020).

**14.1. UN number**

1950

**14.2. UN proper shipping name**

UN1950=AEROSOLS, flammable

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

- Classification :



2.1

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ  | Provis.         | EQ | Cat. | Tunnel |
|---------|-------|------|----------|-------|--------|-----|-----------------|----|------|--------|
|         | 2     | 5F   | -        | 2.1   | -      | 1 L | 190 327 344 625 | E0 | 2    | D      |

| IMDG | Class | 2°Label  | Pack gr. | LQ        | EMS      | Provis.                    | EQ | Stowage Handling | Segregation |
|------|-------|----------|----------|-----------|----------|----------------------------|----|------------------|-------------|
|      | 2     | See SP63 | -        | See SP277 | F-D, S-U | 63 190 277 327 344 381 959 | E0 | - SW1 SW22       | SG69        |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo  | note           | EQ |
|------|-------|---------|----------|----------|----------|-------|--------|----------------|----|
|      | 2.1   | -       | -        | 203      | 75 kg    | 203   | 150 kg | A145 A167 A802 | E0 |
|      | 2.1   | -       | -        | Y203     | 30 kg G  | -     | -      | A145 A167 A802 | E0 |

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

**>SECTION 15 : REGULATORY INFORMATION**

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

**> - Classification and labelling information included in section 2:**

The following regulations have been used:

- Directive 75/324/CEE modified by directive 2013/10/UE
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182 (ATP 15)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**> - Labelling for detergents (EC Regulation No. 648/2004,907/2006) :**

- less than 5 % : nonionic surfactants
- 30 % and more : aliphatic hydrocarbons
- perfumes

**15.2. Chemical safety assessment**

No data available.

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**>SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

|      |                                               |
|------|-----------------------------------------------|
| H220 | Extremely flammable gas.                      |
| H225 | Highly flammable liquid and vapour.           |
| H304 | May be fatal if swallowed and enters airways. |
| H319 | Causes serious eye irritation.                |

**> Abbreviations :**

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique Formula Identifier

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

> Modification compared to the previous version