



# GRAISSE SILICONE BARDAHL

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SDS Ref.: 1532

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

### 1.1. Product identifier

Product form : Mixture  
Product name : GRAISSE SILICONE BARDAHL  
Product code : 1532 # 712153R7  
Type of product : Lubricants and additives

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

#### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Function or use category : Lubricants and additives

#### 1.2.2. Uses advised against

No additional information available

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

#### Distributor

SADAPS BARDAHL Additives & Lubricants  
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3  
7522 TOURNAI - BELGIQUE  
T +32 (0).69.59.03.60 - F +32 (0).69.59.03.61  
[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahl.fr](http://www.bardahl.fr)

#### Supplier

SADAPS BARDAHL Additives & Lubricants  
ZI TOURNAI OUEST 2 - RUE DU MONT DES CARLIERS, 3  
7522 TOURNAI - BELGIQUE  
T +32 (0).69.59.03.60 - F +32 (0).69.59.03.61  
[msds@bardahlfrance.com](mailto:msds@bardahlfrance.com) - [www.bardahl.fr](http://www.bardahl.fr)

### 1.4. Emergency telephone number

Emergency number : + 32 (0)70.245.245 / +33 (0)1.45.42.59.59

| Country              | Organisation/Company   | Address   | Emergency number   | Comment |
|----------------------|--|---|--|---------|
| Ireland              | National Poisons Information Centre<br>Beaumont Hospital   | PO Box 1297<br>Beaumont Road<br>9 Dublin                    | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| Malta                | Medicines & Poisons Info Office  | Mater Dei Hospital<br>MSD Msida                             | +356 2545 6504   |         |
| Saudi Arabia         | Poison Control Center-Riyadh   | General Directorate of Health<br>Affairs<br>Medial Province | +966 112324180<br>+966 112324189   |         |
| United Arab Emirates | Health Authority – Abu Dhabi (HAAD)<br>Poison & Drug Information Center<br>(PDIC)                | P.O. Box 5674<br>Abu Dhabi                                  | + 800-424  |         |
| United Kingdom       | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London                             | +44 20 7188 7188   |         |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Not classified

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### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

|                                |   |
|--------------------------------|---|
| Precautionary statements (CLP) | : P102 - Keep out of reach of children. |
| Child-resistant fastening      | : Not applicable                        |
| Tactile warning                | : Not applicable                        |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

## 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 medical advice is needed, have product container or label at hand.     |
| First-aid measures after inhalation   | : 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 | : Remove contaminated clothes. Wash skin with plenty of water. Wash contaminated clothing before reuse.                            |
| 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. |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.   |

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Carbon dioxide. Dry powder. Sand.                |
| Unsuitable extinguishing media | : Do not use extinguishing media containing water. |

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

|  |   |
|--|---|
| Reactivity in case of fire                       | : Do not breathe fumes from fires or vapours from decomposition.                                  |
| Hazardous decomposition products in case of fire | : Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. |

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Exercise caution when fighting any chemical fire.   |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| Other information              | : Prevent liquid from entering sewers, watercourses, underground or low areas.                  |

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### SECTION 6: Accidental release measures

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

General measures : Evacuate area. Eliminate every possible source of ignition. Ensure adequate ventilation, especially in confined areas. Spill area may be slippery. Keep public away from danger area. Equip cleanup crew with proper protection.

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

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment : Recover the product with absorbent material.  
Methods for cleaning up : Mechanically recover the product. Clean up any spills as soon as possible, using an absorbent material to collect it.  
Other information : Spill area may be slippery.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product.  
Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

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

Technical measures : Provide local exhaust or general room ventilation.  
Storage conditions : Store in a closed container. Keep out of frost.  
Heat and ignition sources : Keep away from naked flames/heat. Keep away from ignition sources.  
Information on mixed storage : Keep away from : Oxidation agents. Keep away from food, drink and animal feeding stuffs.  
Storage area : Store in a well-ventilated place. Store in a dry place.  
Special rules on packaging : Store in original container.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### SILICA (7631-86-9)

##### France - Occupational Exposure Limits

|                          |                      |
|--------------------------|----------------------|
| VME (mg/m <sup>3</sup> ) | 10 mg/m <sup>3</sup> |
|--------------------------|----------------------|

#### 8.2. Exposure controls

##### Hand protection:

Nitrile rubber. Gloves. EN 374

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### Eye protection:

Safety glasses. EN 166

### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

Good ventilation of the workplace required

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

|   |                               |
|---|-------------------------------|
| Physical state                                  | : Liquid                      |
| Appearance                                      | : Grease. Paste.              |
| Colour  | : white.                      |
| 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                                     | : > 250 °C                    |
| Auto-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           |
| Density   | : 1,03 g/cm <sup>3</sup> 20°C |
| Solubility                                      | : No data available           |
| Partition coefficient n-octanol/water (Log Pow) | : No data available           |
| Viscosity, kinematic                            | : No data available           |
| Viscosity, dynamic                              | : No data available           |
| Explosive properties                            | : Product is not explosive.   |
| Oxidising properties                            | : No data available           |
| Explosive limits                                | : No data available           |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Heat. Open flame. Sparks. Water, humidity. Freezing.

### 10.5. Incompatible materials

Strong oxidizers.

### 10.6. Hazardous decomposition products

hydrocarbons. Carbon dioxide. Carbon monoxide. Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### SILICA (7631-86-9)

|                 |              |
|-----------------|--------------|
| LD50 oral rat   | > 5000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

#### Dimethyl siloxane (63148-62-9)

|   |                         |
|---|-------------------------|
| LD50 oral rat                           | > 5000 mg/kg (OCDE 401) |
| LD50 dermal rat                         | > 2000 mg/kg            |
| LD50 dermal rabbit                      | > 50000 mg/kg           |
| LC50 inhalation rat (Vapours - mg/l/4h) | 0,139 mg/l/4h           |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
  
Reproductive toxicity : Not classified  
  
STOT-single exposure : Not classified  
  
STOT-repeated exposure : Not classified  
  
Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

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Hazardous to the aquatic environment, long-term (chronic) : Not classified

### SILICA (7631-86-9)

|             |             |
|-------------|-------------|
| LC50 fish 1 | > 1000 mg/l |
|-------------|-------------|

### Dimethyl siloxane (63148-62-9)

|                |                            |
|----------------|----------------------------|
| LC50 fish 1    | > 10000 mg/l (OCDE 203)    |
| EC50 Daphnia 1 | > 1000 mg/l (OCDE 202 24h) |

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |  |
|--|--|
| Waste treatment methods                    | : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| Sewage disposal recommendations            | : Do not discharge into drains or the environment.   |
| Product/Packaging disposal recommendations | : Collect all waste in suitable and labelled containers and dispose according to local legislation.  |
| Additional information                     | : Empty the packaging completely prior to disposal. Do not re-use empty containers.  |
| Ecology - waste materials                  | : Do not discharge the product into the environment.   |
| European List of Waste (LoW) code          | : 12 01 12* - spent waxes and fats   |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | RID            |
|---|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |

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### 14.5. Environmental hazards

|  |                |                |                |
|--|----------------|----------------|----------------|
| Not applicable   | Not applicable | Not applicable | Not applicable |
| Clean up even minor leaks or spills, if possible, without unnecessary risk |                |                |                |

### 14.6. Special precautions for user

Special transport precautions : Keep public away from danger area, The driver shall not attempt to deal with any fire of the load, NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Other information, restriction and prohibition regulations : EU Candidate list (SVHC).

#### 15.1.2. National regulations

##### France

Occupational diseases : RG 36 - Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse

##### Germany

Water hazard class (WGK) : Classification according to AwSV, Annex 1

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

No additional information available

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### SECTION 16: Other information

| Indication of changes: |                              |          |          |
|------------------------|------------------------------|----------|----------|
| Section                | Changed item                 | Change   | Comments |
|                        | Supersedes                   | Modified |          |
|                        | Revision date                | Modified |          |
| 2.3                    |                              | Modified |          |
| 3.2                    | Use of the substance/mixture | Modified |          |
| 15.1                   |                              | Modified |          |

| Classification according to Regulation (EC) No. 1272/2008 [CLP]: |  |
|--|--|
| Not classified   |  |

SDS EU (REACH Annex II)

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.