


| | | |
|--|---|----------------------------------|
|  | <h1 style="margin: 0;">SAFETY DATA SHEET</h1> | Page : 1 / 6 |
| | | Revised edition no : 6 |
| | | Date : 8 / 2 / 2016 |
| | | Supersedes : 17 / 4 / 2015 |
| <h2 style="margin: 0;">POLY S.2 GREASE</h2> | | <h3 style="margin: 0;">170.</h3> |

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

1.1. Product identifier

Identification of the product : Grease.
Trade name : POLY S.2 GREASE

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

See product bulletin for detailed information.

1.3. Details of the supplier of the safety data sheet

Producer/Manufacturer : SADAPS BARDAHL CORPORATION
BP 50050 MOUVAUX
59589 BONDUES Cedex France
TEL : +33 (0)3 10 38 38 38
FAX : +33 (0)3 51 08 90 51
MAIL : industrie@bardahlfrance.com

Distributor : SADAPS BARDAHL CORPORATION
BP 50050 MOUVAUX
59589 BONDUES Cedex France
TEL : +33 (0)3 10 38 38 38
FAX : +33 (0)3 51 08 90 51
MAIL : industrie@bardahlfrance.com

1.4. Emergency telephone number

+33 (0)1.45.42.59.59
+33 (0)1.45.42.59.59

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

: Not regulated.
• **Supplemental hazard information** : EUH210 - Safety data sheet available on request.
Text of H-Phrases : SECTION 16

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

• **Supplemental hazard information** : EUH210 - Safety data sheet available on request.

2.3. Other hazards


None under normal conditions.

SECTION 3 Composition / information on ingredients

| Substance name | Contents | CAS No | EC No | Annex No | REACH | Classification |
|---|----------|------------|-----------|----------|-------|------------------------------------|
| Bis(dibutylidithiocarbamate) de 4, 4'-méthylène | < 2.5 % | 10254-57-6 | 233-593-1 | ---- | ---- | R52-53 Aquatic Chronic 4 (H413) |

SADAPS BARDAHL CORPORATION
BP 50050 MOUVAUX 59589 BONDUES Cedex France
TEL : +33 (0)3 10 38 38 38
FAX : +33 (0)3 51 08 90 51
MAIL : industrie@bardahlfrance.com

In case of emergency : +33 (0)1.45.42.59.59

| | | |
|--|--------------------------|----------------------------|
|  | SAFETY DATA SHEET | Page : 2 / 6 |
| | | Revised edition no : 6 |
| | | Date : 8 / 2 / 2016 |
| | | Supersedes : 17 / 4 / 2015 |
| POLY S.2 GREASE | | 170. |

SECTION 3 Composition / information on ingredients (continued)

Other information : DMSO <3% (IP346)

SECTION 4. First aid measures

4.1. Description of first aid measures

First aid measures

- Inhalation : Assure fresh air breathing.
- Skin contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- Eye contact : Rinse immediately with plenty of water.
- Ingestion : Seek medical attention if ill effect develops.

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

- Inhalation : Not expected to be an irritant.
- Skin contact : Not expected to be an irritant.
- Eye contact : Not expected to be an irritant.
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

Treat symptomatically.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Powder. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection.

6.2. Environmental precautions

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


Clean up methods

- on soil : Clean up any spills as soon as possible, using an absorbent material to collect it.

SADAPS BARD AHL CORPORATION

BP 50050 MOUVAUX 59589 BONDUES Cedex France
 TEL : +33 (0)3 10 38 38 38
 FAX : +33 (0)3 51 08 90 51
 MAIL : industrie@bardahlfrance.com

In case of emergency : +33 (0)1.45.42.59.59

| | | |
|--|--------------------------|----------------------------|
|  | SAFETY DATA SHEET | Page : 3 / 6 |
| | | Revised edition no : 6 |
| | | Date : 8 / 2 / 2016 |
| | | Supersedes : 17 / 4 / 2015 |
| POLY S.2 GREASE | | 170. |

SECTION 6. Accidental release measures (continued)

- on water : Take up large spills with pump or vacuum.

6.4. Reference to other sections

No data available.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

General : When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Take off immediately all contaminated clothing.

Handling : No smoking. Do not breathe gas, fumes, vapour or spray. Wear suitable protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in dry, cool, well-ventilated area. Keep in original containers.

Storage - away from : Heat sources. Direct sunlight. Strong oxidizers.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits : Brouillards d'huile : VME [mg/m3] : (8 heures) 5
Brouillards d'huile : VLE [mg/m3] : (15 min) 10

8.2. Exposure controls

Personal protection

- Eye protection : Avoid contact with eyes.
- Skin protection : Wear suitable protective clothing.
- Hand protection : In case of repeated or prolonged contact wear gloves.(EN374)
- Respiratory protection : Where excessive vapour may result, wear approved mask.

SECTION 9. Physical and chemical properties


9.1. Information on basic physical and chemical properties

- Physical state at 20 °C** : Paste.
- Colour** : Yellow.
- Odour** : Characteristic.
- **Odour threshold** : No data available.
- **pH** : Not applicable.
- **Melting point / Freezing point** : No data available.
- **Initial boiling point - boiling range [°C]** : No data available.
- Final boiling point [°C]** : No data available.

SADAPS BARD AHL CORPORATION

BP 50050 MOUVAUX 59589 BONDUES Cedex France
 TEL : +33 (0)3 10 38 38 38
 FAX : +33 (0)3 51 08 90 51
 MAIL : industrie@bardahlfrance.com

In case of emergency : +33 (0)1.45.42.59.59

| | | |
|--|--------------------------|----------------------------|
|  | SAFETY DATA SHEET | Page : 4 / 6 |
| | | Revised edition no : 6 |
| | | Date : 8 / 2 / 2016 |
| | | Supersedes : 17 / 4 / 2015 |
| POLY S.2 GREASE | | 170. |

SECTION 9. Physical and chemical properties (continued)

- Flash point [°C] : > 200
- Evaporation rate : No data available.
- Flammability : No data available.
- Explosion limits (lower - upper) : No data available.
- Vapour pressure : No data available.
- Vapour density : No data available.
- Relative density : 0.9
- Solubility : Insoluble.
- Partition coefficient : n-octanol / water : No data available.
- Auto-ignition temperature : > 250
- Thermal decomposition : No data available.
- Viscosity : No data available.
- Explosive Properties : No data available.
- Oxidising properties : No data available.

9.2. Other information

Other data

- Dropping point [°C] : > 210

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : Open flame. Sparks. Heat.

10.5. Incompatible materials

Materials to avoid : Strong oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products : Hydrocarbon. Carbon monoxide. Carbon dioxide.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

SECTION 1

Refer to Summary of hazards

Rat oral LD50 [mg/kg] : • Bis(dibutylidithiocarbamate) de 4,4'-méthylène : Rat oral LD50 [mg/kg] : 16000

Rabbit dermal LD50 [mg/kg] : • Bis(dibutylidithiocarbamate) de 4,4'-méthylène : Rabbit dermal LD50 [mg/kg] : > 2000

SADAPS BARD AHL CORPORATION


BP 50050 MOUVAUX 59589 BONDUES Cedex France

TEL : +33 (0)3 10 38 38 38

FAX : +33 (0)3 51 08 90 51

MAIL : industrie@bardahlfrance.com

In case of emergency : +33 (0)1.45.42.59.59

| | | |
|--|--------------------------|----------------------------|
|  | SAFETY DATA SHEET | Page : 5 / 6 |
| | | Revised edition no : 6 |
| | | Date : 8 / 2 / 2016 |
| | | Supersedes : 17 / 4 / 2015 |
| POLY S.2 GREASE | | 170. |

SECTION 12. Ecological information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

Log POW : 6.73

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.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Industrial waste number : 12.01.12

SECTION 14. Transport information

14.1. UN Number

Unregulated.

14.2. Proper shipping name

Unregulated.

14.3. Transport Hazard Classification

Unregulated.

14.4. Packing group

Unregulated.

14.5. Environmental hazards


In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Emergency action in case of accident : Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. Keep public away from danger area. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

No data available.

| | | |
|--|--------------------------|----------------------------|
|  | SAFETY DATA SHEET | Page : 6 / 6 |
| | | Revised edition no : 6 |
| | | Date : 8 / 2 / 2016 |
| | | Supersedes : 17 / 4 / 2015 |
| POLY S.2 GREASE | | 170. |

SECTION 15. Regulatory information

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

Ensure all national/local regulations are observed.

: Table RG 36: Diseases caused by oils and fats mineral or synthetic. (FRANCE)

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Text of H-Phrases : : H413 - May cause long lasting harmful effects to aquatic life.
Text of R-Phrases : : R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Recommended uses and restrictions : See product bulletin for detailed information.
Further information : Label : 1700R3
Revision - See : *
Safety data sheet available for professional user on request.
Print date : 8 / 2 / 2016

The contents and format of this SDS are in accordance with Regulation (EC) N° 453/2010 of the European Parliament and of the Council.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document

SADAPS BARD AHL CORPORATION

BP 50050 MOUVAUX 59589 BONDUES Cedex France

TEL : +33 (0)3 10 38 38 38

FAX : +33 (0)3 51 08 90 51

MAIL : industrie@bardahlfrance.com

In case of emergency : +33 (0)1.45.42.59.59