



Propeller Shaft Grease

Safety Data Sheet

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

Revision date: 18-7-2011 version: 2.05

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

1.1. Product identifier

Product form : Mixture
 Product name : Propeller Shaft Grease
 Product code : 62000
 Type of product : Paste
 Product group : Blend

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

1.2.1. Relevant identified uses

Main use category : Professional 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

MPM International Oil Company
 Cyclotronweg 1
 2629 HN Delft - Nederland
 T +31 (0)15 2514030 - F +31 (0)15 2514031
info@mpmoil.nl - www.mpmoil.nl

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00)

| Country | Official advisory body | Address | Emergency number | Comment |
|----------------|--|---|------------------|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | Beaumont Hospital Beaumont Road 9 Dublin | : +353 1 8379964 | |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Centre Hospitalier Universitaire de Constantine | Avonley Road SE14 5ER London | 0870 243 2241 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

PBT: not relevant – no registration required
 vPvB: not relevant – no registration required

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

Propeller Shaft Grease

Safety Data Sheet

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------------|--|
| General | : In all cases of doubt, or when symptoms persist, seek medical attention. |
| After inhalation | : No special measures are necessary. |
| After skin contact | : No special measures are necessary. |
| After eye contact | : No special measures are necessary. |
| After ingestion | : No special measures are necessary. |

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

None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : powder, alcohol-resistant foam, water spray, carbon dioxide. |
| Unsuitable extinguishing media | : High power water jet. |

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|---|
| Fire hazard | : On heating/burning: release of (highly) toxic gases/vapours e.g.: carbon monoxide - carbon dioxide. |
|-------------|---|

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Precautionary measures fire | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Self-contained breathing apparatus with an air line. |
| Other information | : Use water spray/stream to protect personnel and to cool endangered containers. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : May be dangerously slippery if spilled. |
|------------------|---|

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

In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Large spills: scoop solid spill into closing containers. Clean up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel). |
| Other information | : Can be slippery on hard, smooth walking area. |

6.4. Reference to other sections

Information on personal protective equipment - see Chapter 8. Information on safe handling - see Section 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | : Never use pressure to empty container. |
| Hygiene measures | : When using do not eat, drink or smoke. Wash hands before breaks and at the end of work. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|-----------------------|---|
| Technical measures | : Store in a well-ventilated place. Keep container tightly closed. |
| Storage conditions | : Keep the packing dry and well sealed to prevent contamination and absorption of dampness. |
| Incompatible products | : alkali. Strong acid. Oxidizing agents. |

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propeller Shaft Grease

DNEL/DMEL (Workers)

Propeller Shaft Grease

Safety Data Sheet

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

| Propeller Shaft Grease | |
|----------------------------------|--------------------------------|
| Acute - systemic effects, dermal | So far, no national limits set |

Additional information : To date, no national limit values exist.

8.2. Exposure controls

Technical measures:

Does not require any specific or particular technical measures.

Hand protection:

None under normal use

Eye protection:

Safety glasses

Skin and body protection:

Overall

Respiratory protection:

No personal breathing protective equipment is normally required

Environmental exposure controls:

Dispose of in accordance with relevant local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--------------------------------|
| Physical state | : Liquid |
| Appearance | : Paste. |
| Colour | : dark brown. |
| Odour | : characteristic. |
| 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 | : > 300 °C |
| Flash point | : > 180 °C Closed cup |
| 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 | : ca. 1000 g/l |
| Solubility | : Water: practically insoluble |
| Log Pow | : No data available |
| Viscosity, kinematic | : 14 mm ² /s 100C |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| 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

No data available.

10.2. Chemical stability

No information available.

Propeller Shaft Grease

Safety Data Sheet

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

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Exothermic reactions with: Oxidizing substances. Strong acid. strong alkalis.

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|------------------|
| Acute toxicity | : Not classified |
| 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 |

Propeller Shaft Grease

| | |
|----------------------|----------------------------|
| Viscosity, kinematic | 14 mm ² /s 100C |
|----------------------|----------------------------|

Potential adverse human health effects and symptoms : According to the Preparation Directive 1999/45/EC this product is classified as not dangerous. This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : No harm to water organisms up to the tested concentration.

12.2. Persistence and degradability

Propeller Shaft Grease

| | |
|-------------------------------|---------------------------|
| Persistence and degradability | No information available. |
|-------------------------------|---------------------------|

12.3. Bioaccumulative potential

Propeller Shaft Grease

| | |
|---------------------------|--------------------------------------|
| Bioaccumulative potential | No additional information available. |
|---------------------------|--------------------------------------|

12.4. Mobility in soil

Propeller Shaft Grease

| | |
|------|--------------------|
| Soil | No data available. |
|------|--------------------|

12.5. Results of PBT and vPvB assessment

Propeller Shaft Grease

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

12.6. Other adverse effects

Other adverse effects : The evaluation was carried out according to the calculation method of the Preparations Directive.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Do not dispose of with domestic waste.

Waste disposal recommendations : Remove to an authorized waste treatment plant.

Propeller Shaft Grease

Safety Data Sheet

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

Waste materials : Waste disposal according to official state regulations. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning. Packing which cannot be properly cleaned must be thrown away. Handle contaminated packaging in the same way as the substance itself.

SECTION 14: Transport information

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

| ADR | IMDG |
|---|---|
| 14.1. UN number | |
| Not applicable | Not applicable |
| 14.2. UN proper shipping name | |
| Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | |
| Not applicable | Not applicable |
| Not applicable | Not applicable |
| 14.4. Packing group | |
| Not applicable | Not applicable |
| 14.5. Environmental hazards | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No |
| No supplementary information available | |

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out

SECTION 16: Other information

SDS MPM REACH

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