

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

ACCOGRAISSE STEELBLACK MO

Revision date 04-May-2015

Supersedes date 14-Aug-2013

Version 1.01

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ACCOGRAISSE STEELBLACK MO

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

Recommended use Lubricating grease

1.3. Details of the supplier of the safety data sheet

Manufacturer

ACCOR Lubrifiants

8 rue du Mans

Z.I. de la Dabardière

B.P. 30406

49304 CHOLET CEDEX

Téléphone: 02.41.75.26.70

Pour plus d'informations, contacter

emilie.auribault@accor-lubrifiants.com

Emergency telephone - §45 - (EC)1272/2008

| | |
|--------|---------------------------------|
| Europe | 112 |
| France | ORFILA : + 33 (0) 1 45 42 59 59 |

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Classification according to Directive 67/548/EEC or 1999/45/EC

R phrases This mixture is classified as not hazardous according to regulation 1999/45/EC

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Symbols/Pictograms None

Signal word None

2.3. Other hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Ingredient comments

This product is a lithium grease based on mineral oil with additives. The mineral oils in the product contain <3% DMSO extract(IP 346).

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|---------------------|--|
| Inhalation | Move to fresh air in case of accidental inhalation of vapors. |
| Skin contact | Wash with soap and water. |
| Eye contact | Rinse thoroughly with plenty of water, also under the eyelids. |
| Ingestion | Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. |

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

Symptoms None known.

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

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use CO₂, dry chemical, or foam.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Not flammable. Fire may produce irritating and/or toxic gases.

5.3. Advice for firefighters

In the event of fire and/or explosion do not breathe fumes.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Extremely slippery when spilled.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

6.4. Reference to other sections

Other information

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Extremely slippery when spilled.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid prolonged or repeated contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Keep containers tightly closed in a cool, well-ventilated place. Keep at a temperature not exceeding 45°C. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

Risk management methods

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls None under normal processing.

Personal protective equipment

**Hand protection**

Wear protective nitrile rubber gloves. Thickness ≥ 0.38 mm - breakthrough time >480 minutes. Thickness 0.1 mm - splash protection. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

Eye/face Protection

Avoid contact with eyes.

Body protection

Suitable protective clothing.

Respiratory protection

None under normal processing. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

Prevent product from entering drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------|--------------------------|
| Physical state | Semi-solid |
| Appearance | Smooth |
| Color | black |
| Odor threshold | No information available |
| Explosive properties | No information available |
| Oxidizing properties | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|---------------------|--------------------------|
| pH | | No information available |
| Melting point/freezing point | | No information available |
| Boiling point/boiling range | | Not applicable |
| Flash point | > 150 °C / > 302 °F | Based on base oils |
| Evaporation rate | | Not applicable |
| Flammability (solid, gas) | | No information available |
| Flammability limits in air | | No information available |
| Vapor pressure | | Not applicable |
| Vapor Density | | Not applicable |
| Specific gravity | | No information available |
| Solubility(ies) | | No information available |
| Partition coefficient (n-octanol/water) | | No information available |
| Autoignition temperature | | No information available |
| Decomposition temperature | | No information available |
| Kinematic viscosity | | No information available |
| Dynamic viscosity | | No information available |

9.2. Other information

| | |
|----------------|--|
| Density | < 1000 kg/m ³ @ 25 °C / 77 °F |
|----------------|--|

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal processing.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

| | |
|--|--|
| Acute toxicity | Not hazardous based on component data. |
| Skin corrosion/irritation | Not hazardous based on component data. |
| Serious eye damage/eye irritation | Not hazardous based on component data. |
| Sensitization | Not hazardous based on component data. |
| Germ cell mutagenicity | Not hazardous based on component data. |
| Carcinogenicity | Not hazardous based on component data. |
| Reproductive toxicity | Not hazardous based on component data. |
| STOT-single exposure | Not hazardous based on component data. |
| STOT-repeated exposure | Not hazardous based on component data. |
| Aspiration hazard | Not hazardous based on component data. |

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|--------------------|----------------|
| Oral LD50 | 5,822.00 mg/kg |
| Dermal LD50 | 5,822.00 mg/kg |

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

| | |
|---------------------|--|
| Inhalation | Inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties. |
| Eye contact | Not expected to cause eye irritation. |
| Skin contact | Prolonged contact may cause redness and irritation. |
| Ingestion | Malaise (vague feeling of discomfort). |

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity****Ecotoxicity**

Not regarded as dangerous for the environment. Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

Material does not bioaccumulate.

12.4. Mobility in soil**Mobility in soil**

After release, adsorbs onto soil.

Mobility

Insoluble in water.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging

Dispose of in accordance with federal, state and local regulations.

Waste codes / waste designations according to EWC / AVV 13 08 99

Section 14: TRANSPORT INFORMATION

Not regulated according to ADR/RID, IMDG, IATA.

14.1. UN number

Not regulated

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

Section 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water hazard class (WGK)** Slightly hazardous to water (WGK 1)**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| EINECS/ELINCS | Complies |
| DSL/NDSL | Complies |
| PICCS | Complies |
| ENCS | - |
| IECSC | Complies |
| AICS | Complies |
| KECL | Complies |
| NZIoC | Complies |

Legend**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**EINECS/ELINCS** European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**AICS** - Australian Inventory of Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**NZIoC** - New Zealand Inventory of Chemicals**15.2. Chemical safety assessment**

No information available

Section 16: OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3****Full text of H-Statements referred to under sections 2 and 3**

Revision date 04-May-2015

Revision note SDS sections updated, 1, 15.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet