

Safety data sheet

according to Directive (EC) no. 1907/2006 (REACH) and
Directive (EU) no. 830/2015



Trade name: Care agent for seals and GRAF9-2
Created on: 06.10.2016
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Number of pages: 6

1. Designation of the substance or mixture and the company

1.1 Product identifier

Trade name: Care agent for seals and GRAF9-2
Item number: 7407110
Type: PF-G

1.2 Relevant identified uses of the substance or mixture and uses we would not recommend

Identified use

Lubricants, lubricating greases and separating agents

1.3 Details on the supplier providing the safety data sheet

Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG
Hüingser Ring 52
58710 Menden
Germany

Division providing information

Customer Service Germany
Tel.: +49 (0)2371 7899-2000
E-mail: info@obo.de

1.4 Emergency telephone number

REACH Registration of Chemicals GmbH
Tel.: +49 (0)700 2411 2112 (OBO)

1.5 Additional data

Only for commercial consumers.

2. Possible risks

2.1 Categorisation of substance or mixture

EC Directive 1272/2008 (CLP)

The mixture is not classified as hazardous in the sense of the ordinance (EC) no. 1272/2008.

2.2 Labelling elements

2.3 Other risks

No information available.

3. Composition/details of component parts

3.1 Mixtures

4. First aid measures

4.1 Description of the first aid measures

After inhalation

Ensure a supply of fresh air.

After skin contact

Wash off with copious amounts of water. Take off contaminated clothing. Wash contaminated clothing before reuse.

After eye contact

Immediately rinse out carefully and thoroughly with an eye shower or with water.

After ingestion

Rinse out the mouth immediately and drink copious amounts of water.

4.2 Most important acute and delayed symptoms and effects

No information available.

4.3 Information for immediate medical aid or special treatment

Symptomatic treatment.

5. Fire protection measures

5.1 Extinguishing media

Suitable extinguishing media

Sand, extinguishing power, carbon dioxide (CO₂).

Unsuitable extinguishing media

Full water jet.

5.2 Advice for firefighters

If there is a fire, wear breathing protection which works independently of the ambient air.

Additional information:

Collect contaminated extinguishing water separately. Do not let the product enter the sewerage system or waterways.

6. Measures in the case of unintentional release

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental protection measures

Do not let the product enter the sewerage system or waterways.

6.3 Methods and material for retention and cleaning

Collect mechanically. Treat the collected material according to the Disposal section.

6.4 Reference to other sections

Safe handling: Refer to Section 7

Personal protective equipment: Refer to Section 8

Disposal: Refer to Section 13

7. Handling and storage

7.1 Protective measures for safe handling

Information on safe handling

No special precautionary measures required.

Information on fire and explosion protection

No special fire protection measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Keep the containers closed tightly.

Joint storage information

No special precautionary measures required.

Storage class according to TRGS 510: 10 (Combustible fluids which cannot be assigned to any of the above-mentioned storage classes)

7.3 Specific end applications

Lubricants, lubricating greases and separating agents

8. Limitation and monitoring of the exposure/personal protective equipment

8.1 Parameters to be monitored

8.2 Limitation and monitoring of exposure

Protection and hygiene measures

Take off contaminated clothing. Wash your hands before breaks and after completing work. Do not eat or drink during work.

Personal protective equipment

Respiratory protection

If there is insufficient ventilation, wear breathing protection.

Hand protection



When handling chemical resources, you may only wear chemical protection gloves with the CE mark, including a four-digit check number. The chemical protection gloves used should be chosen specifically for the workplace according to the concentration and quantity of hazardous substances. We recommend clarifying the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer.

Eye/face protection

Wear eye protection/face protection.

Physical protection

Wear suitable protective clothing during work.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Aggregate state: Paste

Colour: White

Odour: Characteristic

pH value: Not determined

State changes

Melting point: Not determined:

Boiling start/range: > 210 °C

Ignition point: > 220 °C

Flammability

Flammability (solid matter): Not determined

Flammability (gas): N/A

Upper explosion limit: Not determined

Lower explosion limit: Not determined

Self-ignition temperature

Self-ignition temperature (solid matter): Not determined

Self-ignition temperature (gas): N/A

Decomposition temperature: Not determined

Oxidising properties

Oxidising properties: Non-oxidising.

Vapour pressure: Not determined

Density: Approx. 1.2 g/cm³

Solubility in water: No testing required, as the substance is known to be insoluble in water.

Solubility in other solvents

Solubility in other solvents: Not determined

Distribution coefficient: Not determined

Vapour density: Not determined

Vaporisation speed: Not determined

9.2 Other data

Solid matter content: Not determined

10. Stability and reactivity

10.1 Reactivity

No dangerous reactions occur if stored and handled correctly.

10.2 Chemical stability

If stored under normal ambient temperatures, the product is stable.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

None.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological data

11.1 Data on toxicological effects

12. Environmental data

12.1 Toxicity

The product is not: Ecotoxic.

12.2 Persistence and degradability

The product was not tested.

12.3 Bioaccumulation potential

The product was not tested.

12.4 Mobility in soil

The product was not tested.

12.5 Results of PBT and vPvB assessment

The product was not tested.

12.6 Other adverse effects

No information available.

Additional information

Do not let the product enter the sewerage system or waterways. Do not let it enter the ground/soil.

13. Disposal information

13.1 Waste treatment method

Recommendation

Do not let the product enter the sewerage system or waterways. Do not let it enter the ground/soil. Disposal according to official regulations.

Waste code, product residues

120112 WASTE FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; Waste from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats; hazardous waste.

Waste code, soiled packaging

150102 WASTE PACKAGING, ABSORBENTS, WIPING CLOTHES, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal waste packaging); plastic packaging.

Waste code, soiled packaging

Uncontaminated and empty packaging can be recycled. Treat contaminated packaging like the substance.

14. Transport information

14.1 Current UN shipment designation

Not a hazardous substance in the sense of these transport regulations.

14.2 Special precautionary measures for the user

No information available.

14.3 Mass good transportation according to Appendix II of the MARPOL agreement and according to the IBC code

N/A

15. Legal specification

15.1 Specifications regarding safety, health and environmental protection/specific legal specifications for the substance or the mixture

EU regulations

Additional information

Note: 850/2004/EC, 79/117/EEC, 689/2008/EC

National specifications – Germany

Water hazard class: 1 – weakly hazardous to water

Status: Mixing rule according to Appendix 1, No. 5 of the German AwSV

15.2 Chemical safety assessment

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

16. Other data

Data sheet of issuing area

Department: Technical documentation

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Additional data

The data in this safety data sheet corresponds to the best of our knowledge on printing. The information is intended to offer you points of reference for safe handling with the product named in this safety data sheet during storage, processing, transport and disposal. The data cannot be transferred to other products. If the product is combined, mixed or processed with other materials or is itself subjected to processing, then the data in this safety data sheet, unless expressly stated otherwise, cannot be applied to the new material so produced.

(The data on the hazardous substances was taken from the most recently valid safety data sheet of the upstream supplier.)