

Date of Issue: 19.08.2005
Replaced Data Sheet: ---
Product Name: Cable Sliding Grease PH 5000

1 Identification of the Substance/Preparation and the Company

Product Name: **Cable Sliding Grease PH 5000**
Application: For greasing of cables; as corrosion protection.
Producer/Supplier: HÖHNE GmbH
Mühlenstraße 76
D-25421 Pinneberg (Germany)
Telephone: +49 - (0)4101 / 5453 - 0 / Fax: - 33
Internet: www.hoehne.de / E-Mail: info@hoehne.de
Emergency Phone No.: In an emergency dial your local Emergency Call.
Keep this Safety Data Sheet at hand.

2 Composition / Information on Ingredients

Chemical Characterization (Preparation):

Calcium soap grease: thickening system and additives in highly refined mineral oil.

Chemical Name:	Content %:	CAS-No.:	Symbol:	R-Phrases:
Fatty acid soap	1 - < 20	---	Xi	36/38
Imidazoline derivative	0,25 - < 2,5	202-414-9	Xn, C, N	22, 34, 50/53
Baseoil - unspecified	5 - 15	265-156-6	---	---
Baseoil - unspecified	10 - 40	276-736-3	---	---
Baseoil - unspecified	10 - 50	265-155-0	---	---

3 Hazards Identification

Special Hazard Identification for Human and Environment:

The product is harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

General Information:

With attention of the precautionary measures usual while handling mineral oil products and chemicals as well as the references to the handling (chapter 7) and to the personal protection equipment (chapter 8) no special dangers are known.

4 First-Aid Measures

General:

Remove soiled, soaked clothing immediately.

Inhalation:

Normally not necessary.

Remove to fresh air. If symptoms persist obtain medical advice.

Skin Contact:

Wash with plenty of cold or lukewarm water and soap. Obtain medical advice if any pain or redness develops or persists.

Eye Contact:

Wash eye thoroughly with copious quantities of water for at least 10 minutes, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Swallowing:

Do not induce vomiting. Consult doctor immediately.

5 Fire-Fighting Measures

Suitable Extinguishing Media: Extinguishing powder, alcohol-resistant foam, carbon dioxide.

Extinguishing Media which must not be used for safety reasons: Water.

Special Exposure Hazards arising from the substance itself, combustion products, resulting gases: Burning product sets free a complex mixture of gases and airborne particulates, including carbon monoxide, carbon dioxide and nitrogen oxide.

Special Protective Equipment for Fire Fighting:

Protective respirator with independent air supply.

Further Information:

Do not let enter contaminated extinguishing water into the soil, groundwater or surface waters.

Fire arrears and contaminated fire fighting water must be disposed according to the local official regulations.

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6 Accidental Release Measures

Personal Precautions:

Wear personal protection clothing (see Chapter 8). Avoid contact with eyes and skin.
Caution - risk of slipping.

Environmental Precautions:

Do not allow to enter drains, sewers or watercourses.

Clean-up Method:

Remove mechanically. Fill it into a clearly marked container and dispose of according to local/state/federal regulations (see Chapter 13).

7 Handling and Storage

Handling:

The usual precautionary measures while handling chemicals are to be considered. Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing.

Avoid contact with eyes and skin. Wash hand thoroughly after work.

Precautions Against Fire and Explosion:

No special measures for fire and explosion protection required.
Observe the general rules for fire prevention.

Storage:

Keep container tightly closed and store under cool and dry conditions.
Keep separated from foodstuffs.
Avoid direct sunlight and heat sources.

8 Exposure Controls / Personal Protection

For technical protective measures to limit exposure see also Chapter 7 "Handling and Storage".

Occupational Exposure Limits:

In the absence of any national or local regulations the following controls are recommended:
mineral oil mist: long-term exposure limit (TWA) 5 mg/m³

Personal Protection:

Respiratory Protection: Normally not required.

Hand Protection: Recommended.

Protective nitrile gloves (EN 374). If necessary also skin protection creams.

Eye Protection: If applicable tight fitting protective goggles with side protection (EN 166).
for direct exposure to splashes, or when the material is handled hot.

Skin Protection: Long-sleeved protective working garments.

General safety and hygienic measures:

Do not store food in the work area. Do not eat, drink or smoke during work.

Avoid prolonged or repeated contact with skin. Avoid contact with eyes.

Do not put any product-soaked cloth in pockets of clothes.

Wash hands with water and soap before breaks and at end of work.

Remove contaminated clothing. Contaminated clothing should be thoroughly cleaned before re-use.

9 Physical and Chemical Properties

tested in accordance with

Form:	paste		
Colour:	light-brown		
Odour:	characteristic		
Dropping Point:	approx. 100°C		DIN ISO 2176
Cone-Penetration:	265 - 295	(x 1/10 mm / 25°C)	DIN ISO 2137
Flash Point:	> 100°C		
Ignition Temperature:	not determined		
Density:	approx. 0,90 g/cm ³	(at 25°C)	DIN 51 757
Solubility in Water:	insoluble		
Consistence Class	2		DIN 51 818

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10 Stability and Reactivity

General Information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Conditions to Avoid:

Stable under normal use conditions.

Material to Avoid:

Avoid contact with strong oxidising agents.

Hazardous Decomposition Products:

Hazardous decomposition products are not expected to form during normal storage and use.

11 Toxicological Information

Basis for Assessment:

Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products.

Acute Toxicity:

No specific data available for this product.

Irritating/Corrosive Effects:

Eye Contact: Slight, temporary eye irritation is possible. A cornea injury is improbable.

Skin Contact: Slight skin irritation is possible with repeated exposition.

Sensitisation: No sensitising effect known.

12 Ecological Information

Basis for Assessment:

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Persistence / Degradability:

The product is not completely biologically degradable under the conditions of usual test procedures.

Further Information:

Do not allow to escape into waters, wastewater or soil.

The product is practically not water-soluble and free of poisons and heavy metals. The product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Due to the physical characteristics a separation of the product takes place with each filtration or sedimentation procedure.

13 Disposal Considerations

Disposal of Residues:

Dispose of according to regulations by incineration in a special waste incinerator.

The relevant EU Directives and local, regional and national regulations must be complied with.

It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste Catalogue. It is recommended that details be sorted out with the waste disposer responsible.

Uncleaned Packaging (Recommendation):

Containers have to be emptied as thoroughly as possible (e.g. by pouring, scraping or draining until "drip-dry"). Recycle or dispose of in accordance with the legislation in force with a recognised collector or contractor. Labels should not be removed from containers until they have been cleaned.

14 Transport Information

The product is no subject to any transport regulation.

No dangerous cargo according to:	ADR/RID	(Land Transport - Road/Railway)
	GGVSee/IMDG-Code	(Transport by Sea)
	ICAO-TI/IATA-DGR	(Air Transport)

German Postal Dispatch: Permitted.

Keep away from foodstuffs.

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15 Regulatory Information

Labelling in accordance with Annex I of directive 67/548/EEC and its amendments and adaptations:

Description: Dangerous to the Environment.

Symbol: Not necessary.

R-Phrases:

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-Phrases:

S 35: This material and its container must be disposed of in a safe way.

National Regulation (Germany):

Water pollution class (WGK): 2 - hazardous to water

WGK = Classification in accordance with the German Water Resources Act (VwVwS 1999-05-17)

16 Other Information

Listing of all R-Phrases indicated in this Safety Data Sheet:

R 22: Harmful if swallowed.

R 34: Causes burns.

R 36/38: Irritating to eyes and skin.

R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This data sheet was prepared in accordance with the EU Directives.

In the Safety Data Sheet all chapters which have been changed since last edition are marked with an asterisk (*) in front of the chapter number.

This Safety Data Sheet replaces all previous information.

Revised and valid from: see date of issue.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.