



1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

5 700 002 000

Use of the substance/preparation

Grease

Company/undertaking identification

Robert Bosch GmbH

Auf der Breit 4

D-76227 Karlsruhe

Contact person Service Deutschland 0 180 500 4745

Telephone +49+721-942-2318

Inquiry office

Emergency telephone :++49 (0) 6132 / 84463 (GBK Gefahrgut Buero GmbH, Ingelheim)

Responsible for the safety data sheet: sds@gbk-ingelheim.de

2. Hazards identification

Classification

R-phrases :

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical characterization (preparation)

Mineral oil, Na-soap, agents

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
201-983-0	90-30-2	N-1-naphthylaniline	< 2,5 %	Xi, N R43-50-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

Remove and wash contaminated clothing before re-use.

After inhalation

After inhalation of combustion gases or decomposition products in case of fire, move victim into fresh air.

If symptoms develop, seek medical attention.

After contact with skin

In case of contact with skin wash off with water.

Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye specialist.



After ingestion

Do not induce vomiting.

Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

Special protective equipment for fire-fighters

In case of fire, wear suitable respiratory equipment with positive air supply.

Protective suit

Additional information

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Use personal protective clothing.

Keep away sources of ignition.

High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

Methods for cleaning up/taking up

Take up residues with suitable absorbent materials.

After taking up the material dispose according to regulation.

Take up mechanically.

7. Handling and storage

Handling

Advice on safe handling

Avoid formation of oil dust.

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

No special protective measures against fire required.

Keep away from sources of ignition.

Storage



Requirements for storage rooms and vessels

Use containers only, specially approved for this substance/product.

To be kept tightly closed, in a cool and dry place.

Keep at temperatures between 15°C and 25°C.

Advice on storage compatibility

Do not store together with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI) 11

8. Exposure controls/personal protection

Exposure limit values

Exposure controls

Protective and hygiene measures

At work do not eat, drink, smoke or take drugs.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothing before re-use.

Wash hands before breaks and immediately after handling the product.

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Gloves (oil-resistant) (Nitrile rubber)

Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Safety goggles

Skin protection

Oil-resistant protective clothing

9. Physical and chemical properties

General information

Physical state	Pasty
Colour	Light brown
Odour	Characteristic

Important health, safety and environmental information

		Test method
pH-Value (at 20 °C) :	Neutral	
Changes in the physical state		
Flash point	> 200 °C	
Flammability		
Lower explosion limits	n. d.	



Upper explosion limits

Ignition temperature n. d.

Vapour pressure : < 0,1 hPa
at (20 °C)

Density (at 20 °C) : approx. 0,90 g/cm³

Water solubility : Soluble
at (20 °C)

Solvent content

0 %

10. Stability and reactivity

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Frequent persistent contact with the skin may cause skin irritation.

Contact with eyes may cause irritation.

Ingestion causes irritation of upper respiratory system and gastrointestinal disturbance.

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Further information

No toxicological data available.

12. Ecological information

Further information

Do not flush into surface water or sanitary sewer system.

Do not discharge product unmonitored into the environment.

Hazard to waters

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecological data are not available.

13. Disposal considerations

Advice on disposal

Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.



Waste disposal number of waste from residues/unused products

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

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

Land transport (ADR/RID)

Inland waterways transport

Marine transport

Air transport

Further Information

No hazardous material as defined by the transport regulations.

15. Regulatory information

Labelling

Additional advice on labelling According to EC-regulations the product is to be labelled as follows:

R phrases

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

S phrases

61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

Special labelling for certain preparations

Contains N-1-naphthylaniline. May produce an allergic reaction.

National regulatory information

Water contaminating class 2 - water contaminating
1999/13/EC (VOC) 0 %

16. Other information

Full text of R-phrases referred to under sections 2 and 3

43 May cause sensitization by skin contact.

50 Very toxic to aquatic organisms.

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

53 May cause long-term adverse effects in the aquatic environment.



Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)