

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

1.1 Product identifier

Trade name: PROTEKTOPUR®

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

Not applicable.

Application of the substance / the preparation: Lubricant and cleaning agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/ Supplier:

POLAR-MOHR Maschinenvertriebsgesellschaft GmbH & Co. KG
Hattersheimer Str. 25
65719 Hofheim /Ts.
GERMANY

Tel.: + 49 (0) 6192 204-0
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E-Mail: info@polar-mohr.com

Further information obtainable from:

Reinhard Czischek (Marketing)

+49 (0) 6192 204 160

Henning Hoffmann (Technical Support)

+49 (0) 6192 204 124

1.4 Emergency telephone number: Poison Control Center Mainz

+49 (0) 6131-19240 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS08

Signal word Danger

Hazard-determining components of labelling:

Paraffins (petroleum), normal C5-20

Hazard statements

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Keep out of the reach of children

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description:

Mixture of substances listed below with nonhazardous additions.

Polydimethylsiloxane

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Dangerous components:

CAS: 64771-72-8 Paraffins (petroleum), normal C5-20

50%

EINECS: 265-233-4 ⚠ Asp. Tox. 1, H304

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Consult a physician if feeling unwell.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Hazards Danger of pulmonary oedema.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not eat, drink, smoke or sniff while working.

Wear protective clothing.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Storerooms must be well ventilated.

Information about storage in one common storage facility:

Storage in the near of other chemicals or products has to be verified.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs Not determined.

PNECs Not determined.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

Only during spraying without adequate removal by suction.

Short term filter device:

Filter A/P2

Protection of hands:

Wear gloves for the protection against chemical hazards according to EN 374.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Nitrile: Material thickness approximately 0.4 mm; breakthrough time \leq 480 min

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

See section 6 and 12 for further information.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:

Fluid

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Colour:	Whitish
Odour:	Mild
Odour threshold:	Not determined.
pH-value:	n.a.
Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.
Flash point:	75 °C (paraffin mixture, lit.)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	200 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.6 Vol % (paraffin mixture)
Upper:	40.0 Vol % (paraffin mixture)
Vapour pressure at 20 °C:	23 hPa
Density at 20 °C:	0.85 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Kinematic:	Not determined.
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid Heat, flames and sparks.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

Additional information: In case of thermal decomposition irritating gases may occur.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

64771-72-8 Paraffins (petroleum), normal C5-20

Oral LD50 > 5000 mg/kg (rat) (OECD 401)

Acute dermal toxicity

64771-72-8 Paraffins (petroleum), normal C5-20

Dermal LD50 > 5000 mg/kg (rabbit) (OECD 402)

Primary irritant effect:

On the skin: No irritant effect.

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On the eye: Slightly irritant.**Respiratory or skin sensitisation** No sensitising effects known.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No evidence of carcinogenic activity.

Aspiration hazard

Hydrocarbon for which the classification criteria are met:

Viscosity at 40 °C is less than 20.5 mm²/s.

SECTION 12: Ecological information

12.1 Toxicity No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:**

The components of the product are not classified as environmentally hazardous. However, it is not excluded that large or frequent spills can have harmful or damaging effects on the environment.

Additional ecological information:**General notes:** Do not allow product to reach ground water, water course or sewage system.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:**Recommendation:**

Packagings that cannot be cleaned are to be disposed of in the same manner as the product. Packaging may be reused or recycled after cleaning.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:**Marine pollutant:**

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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Transport/Additional information:**ADR****Limited quantities (LQ)**

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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H304 May be fatal if swallowed and enters airways.

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 Harmonised 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 (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Sources Manufacturer's information.