



SAFETY DATA SHEET

in accordance with Regulation
(EG) No. 1907/2006 and (EC) No. 1272/2008

OPN-Ceramic-Paste 500g

Revised on: 08/29/2025

Article number : 66077

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SECTION 1: Identification of the substance or mixture and of the company

1.1. Product identifier OPN-Ceramic-Paste 500g

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

Use of the substance/mixture

Lubricants, greases, and release agents

1.3. Details of the supplier of the safety data sheet

OPN-CHEMIE GmbH

In der Au 14

57290 Neunkirchen / Germany

www.opn-chemie.de

Further information obtainable from:

Safety data sheets Mrs. Barbara Angelika Gros-Petri
E-Mail (competent person): baerbel.petri@opn-chemie.de

1.4. Emergency telephone number

Emergency information service Poison Information Center Freiburg +49(0)761/19240

SECTION 2: Possible hazards

2.1. Classification of the substance or

mixture Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

This mixture does not contain any substances that are hazardous to health or the environment according to Directive 67/548/EEC or that have an occupational exposure limit.

Relevant components

None (according to Regulation (EC) No. 1907/2006 (REACH))

SECTION 4: First aid measures

4.1. Description of first aid measures General

information

Symptomatic treatment.

After inhalation

Provide fresh air.

After skin contact

Wash off with plenty of water. Remove contaminated clothing and wash before reuse.

After eye contact

Immediately rinse carefully and thoroughly with an eye wash or water.

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After swallowing

Rinse mouth immediately and drink plenty of water.

4.2. Most important acute and delayed symptoms and effects

No information available.

4.3. Indications for immediate medical attention or special treatment

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing

media

Adapt extinguishing measures to the environment.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, the following may occur: Carbon monoxide

5.3. Firefighting instructions

Wear self-contained breathing apparatus and chemical protection suit.

Additional information

Collect contaminated extinguishing water separately. Do not allow it to enter the sewage system or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

General information

Use personal protective equipment.

Special slip hazard due to leaking/spilled product.

Personnel not trained for emergencies

Use appropriate protective equipment (including the personal protective equipment listed in Section 8 of the Safety Data Sheet) to prevent contamination of skin, eyes, and personal clothing.

Emergency responders

Particular risk of slipping due to leaking/spilled product.

6.2. Environmental protection measures

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning For

containment

Ensure that waste is collected and stored safely. Treat the collected material as described in the section Disposal.

For cleanup

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

Additional information

Special slip hazard due to leaking/spilled product.

6.4. Reference to other sections

Safe handling: see Section 7 Personal protective equipment: see Section 8 Disposal: see Section 13

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SECTION 7: Handling and Storage

7.1. Protective measures for safe handling

Precautions for safe handling

Avoid contact with skin, eyes, and clothing. No special precautions are necessary.

Fire and explosion protection

No special fire prevention measures required.

General hygiene measures at the workplace

Remove contaminated clothing. Wash hands before breaks and at the end of work. Do not eat or drink while working.

Further information on handling

Do not carry product-soaked cleaning rags in your pockets.

7.2. Conditions for safe storage, taking into account incompatibilities Requirements for

storage rooms and containers

Keep containers tightly closed.

Storage compatibility

No special precautions necessary.

Storage class according to TRGS 510: 10 (Flammable liquids that cannot be assigned to any of the above storage classes)

SECTION 8: Exposure controls/personal protective equipment

8.1. Parameters to be monitored

8.2. Exposure controls and monitoring



Appropriate engineering controls

No data available

Individual protective measures, e.g., personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling chemical substances, only chemical protective gloves with a CE mark and a four-digit test number may be worn. Chemical protective gloves must be selected for the specific workplace depending on the concentration and quantity of hazardous substances. It is recommended that the chemical resistance of the above-mentioned protective gloves for specific applications be clarified with the glove manufacturer.

Body protection

Wear suitable protective clothing when working.

Respiratory protection

Wear respiratory protection if ventilation is inadequate.

Thermal hazards

k.D.v.

Limitation and monitoring of environmental exposure

Not applicable

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Paste	Test standard
Color:	White	
Odor:	Neutral	
Melting point/freezing point:	Boiling point or initial boiling point and boiling range:	Not determined Not determined
Flammability:		Not determined Not applicable Not determined
Lower explosion limit:	Upper explosion limit:	Not determined >220 °C
Flash point:		Not determined
Decomposition temperature:		Not determined
pH value:		Not determined
Water solubility:		No testing required, as the substance is known to be insoluble in water. OECD 116
Solubility in other solvents:	Not determined	
Distribution coefficient n-octanol/water:		Not determined
Vapor pressure:		Not determined
Density (at 20 °C):	1.40 g/cm³	
Relative vapor density:		Not determined

9.2. Other information

Information on physical hazard classes

Explosion hazards

Not explosive Spontaneous ignition temperature

Solid:

Gas:

Oxidizing properties Not oxidizing.

Not determined

Not applicable

Other safety parameters

Evaporation rate:

Not determined

Solid content:

Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions occur when handled and stored as intended.

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

None

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10.5. Incompatible materials

Oxidizing agents, strong

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on hazard classes in accordance with Regulation (EC) No.

1272/2008 Acute toxicity

Based on the available data, the classification criteria are not met.

ATEmix calculated

ATE (oral)> 2000 mg/kg; ATE (dermal)> 2000 mg/kg; ATE (inhalation vapor)> 20 mg/l; ATE (inhalation dust/mist)> 5 mg/l

Irritation and corrosive effects

Skin corrosion/irritation: Based on the available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on the available data, the classification criteria are not met.

Sensitizing effects

Based on the available data, the classification criteria are not met.

Carcinogenic, mutagenic, and reproductive toxicity

Germ cell mutagenicity: Based on available data, the classification criteria are not met. Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity after single exposure

Based on the available data, the classification criteria are not met.

Specific target organ toxicity after repeated exposure

Based on the available data, the classification criteria are not met.

Aspiration hazard

Based on the available data, the classification criteria are not met.

Other information on testing

The mixture is classified as non-hazardous according to Regulation (EC) No. 1272/2008 [CLP].

SECTION 12: Environmental information

12.1. Toxicity

Based on the available data, the classification criteria are not met. The product is not: ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII. The product has not been tested.

12.6. Endocrine-disrupting properties

This product does not contain any substances that exhibit endocrine properties in non-target organisms, as none of the ingredients meet the criteria.

12.7. Other harmful effects

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No information is available.

Further information

Avoid release into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for disposal

Do not allow to enter drains or waterways. Dispose of in accordance with official regulations. The assignment of waste code numbers/waste designations must be carried out in accordance with EAKV (German Waste Management Code) in a manner specific to the industry and process.

Waste code - unused product

070699 WASTE FROM ORGANIC CHEMICAL PROCESSES; Waste from the manufacture, formulation, distribution, and use of fats,
lubricants, soaps, detergents, disinfectants, and personal care products; wastes not otherwise specified

Disposal of uncleared packaging and recommended cleaning agents

Dispose of in accordance with official regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

Not classified as dangerous goods according to transport regulations.

14.2. Proper UN shipping name:

Not classified as dangerous goods under transport regulations.

14.3. Transport hazard classes:

Not classified as dangerous goods according to transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

Inland waterway transport (ADN)

14.1. UN number or ID number:

Not classified as dangerous goods according to transport regulations.

14.2. Proper UN shipping name:

Not classified as dangerous goods under transport regulations.

14.3. Transport hazard classes:

Not classified as dangerous goods according to transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

Sea transport (IMDG)

14.1. UN number or ID number:

Not classified as dangerous goods according to transport regulations.

14.2. Proper UN shipping name:

Not classified as dangerous goods under transport regulations.

14.3. Transport hazard classes:

Not classified as dangerous goods according to transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:

Not classified as dangerous goods under transport regulations.

14.2. Proper UN shipping name:

Not classified as dangerous goods under transport regulations.

14.3. Transport hazard classes:

Not classified as dangerous goods according to transport regulations.

14.4. Packaging group:

Not classified as dangerous goods under transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

14.6. Special precautions for users

No information available.

14.7. Bulk transport by sea in accordance with IMO instruments

Not applicable

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SECTION 15: Regulatory information

15.1. Regulations on safety, health, and environmental protection/specific legal provisions for the substance or mixture

National regulations

Technical Instructions for Air I:

Proportion: Water hazard	Not subject to TA-Luft.
class:	1 - slightly hazardous to water
Status:	Mixture rule according to VwVwS Appendix 4, No. 3

15.2. Substance safety assessment

Substance safety assessments for substances in this mixture have not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Dangerous Goods Code

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%

Further information

The information in this safety data sheet corresponds to our best knowledge at the time of printing. The information is intended to provide you with guidance on the safe handling of the product mentioned in this safety data sheet during storage, processing, transport, and disposal. The information is not transferable to other products. If the product is mixed, blended, or processed with other materials, or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

(The data for the relevant components was taken from the latest valid safety data sheet provided by the upstream supplier.)