Ponndorf Schlauchpumpen

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Ponndorf Special lubricant bath

Version 1.0 Print Date 14.03.2023

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

1.1. Product identifier

Trade name	:	Ponndorf Special lubricant bath

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

Use of the Substance/Mixture	:	industrial use
Uses advised against	:	At this moment we have not identified any uses advised against

1.3. Details of the supplier of the safety data sheet

Company	:	**mTP Met-Plast Sp. z o.o.** A VERDER COMPANY Wierzbowa 74 47-320 Gogolin
Telephone	:	77 407 68 89
E-mail address	:	service@ponndorf.de
Responsible/issuing person	:	Service

1.4. Emergency telephone number

Emergency telephone	:	77 407 68 89 (Available: Mo-Thu 8-16 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Most important adverse effects

Human Health	:	See section 11 for toxicological information.
Physical and chemical	:	See section 9/10 for physicochemical information.

hazards

Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is not labeled as dangerous according to Regulation (EC) No. 1272/2008.

Additional Labelling:

Handle in accordance with good industrial hygiene and safety practice.

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Non-hazardous component

Chemical name	Identification Number	Amount [%]
Glycerol	CAS-No. : 56-81-5 EC-No. 200-289-5	<= 100

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : Take off all contaminated clothing immediately.

If inhaled : Move to fresh air. If unconscious, place in recovery position

and seek medical advice.

In case of skin contact	: Wash off with plenty of water. If symptoms call a physician.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If symptoms call a physician.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. If symptoms call a physician. If a person vomits when lying on his back, place him in the recovery position.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	: No information available.
Effects	: Health injuries are not known or expected under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment	: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Water spray, foam, dry powder or CO2.
Unsuitable extinguishing media	:	High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting	:	The product is flammable but not readily ignited. Fire may cause evolution of: Carbon oxides, acrylaldehyde

5.3. Advice for firefighters

Special protective equipment for firefighters	:	Choose protective equipment according to size of fire.Wear self-contained breathing apparatus and full protective suit when necessary.
Further advice	:	Cool closed containers exposed to fire with water spray.Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions	: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. In case of large spillage contact the local authority.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Treat recovered material as described in the section "Disposal considerations". After cleaning, flush away traces with water.

6.4. Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	: Keep container tightly closed. Keep only in the original container.
Hygiene measures	: Take off all contaminated clothing immediately. Do not breathe gas/fumes/vapour/spray. Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	: Keep away from heat and sources of ignition. Keep in a dry, cool and well-ventilated place.
Advice on protection against fire and explosion	: The product is flammable but not readily ignited. Normal measures for preventive fire protection.
Advice on common storage	: Keep away from combustible material. Keep away from oxidizing agents.
German storage class	: 10 Combustible liquids.

7.3. Specific end use(s)

Specific use(s)	: No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Component:	Glycerol	CAS-No. 56-81-5
Other Occupational Exposure Limit Values		

Germany. TRGS 900, Occupational Exposure Limits (AGW), as amended, Exposure limit(s):, Inhalable fraction.
200 mg/m3, (2)
If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).

8.2. Exposure controls

Personal protective equipment

Respiratory protection

Advice : No personal respiratory protective equipment normally required.

Hand protection

Advice : Choose right chemical protection as:
Nitrile rubber
fluorocarbon rubber
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Protective gloves should be replaced at first signs of wear.

Eye protection

Advice : Safety glasses

Skin and body protection

Advice : Protective work clothing

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.
In case of large spillage contact the local authority.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form : liquid, viscous

Physical state : liquid

Colour : blue

Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/range	:	18 - 22 °C
Boiling point/boiling range	:	290 °C
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 180 °C
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	No data available
pH	:	neutral
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Solubility(ies)		
Water solubility	:	completely miscible
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Dispersion Stability	:	No data available
Vapour pressure	:	No data available
Relative density	:	No data available
Density	:	1,263 - 1,265 g/cm3 (20 °C)
Bulk density	:	No data available

Relative vapour density : No data available

Particle characteristics
No data available

9.2 Other information

Explosives : At raised temperature:
Formation of explosive air/vapour mixtures is possible.

Evaporation rate : No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice : No decomposition if stored and applied as directed.

10.2. Chemical stability

Advice : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : None known.

10.4. Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.
Thermal decomposition : No data available

10.5. Incompatible materials

Materials to avoid : Keep away from combustible material. Oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products : Fire may cause evolution of: Carbon oxides, acrylaldehyde, Under certain fire conditions, traces of other toxic products cannot be excluded.

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Data for the product	
Acute toxicity	
Oral	
	For this mixture is no data available., Please find this information in the listing of the component/components below in this section.
Inhalation	

For this mixture is no data available.
Please find this information in the listing of the component/components below in this section.

Dermal

For this mixture is no data available.
Please find this information in the listing of the component/components below in this section.

Irritation

Skin

Result	:	Not classified based on the calculation method according to CLP regulation.

Eyes

Result	:	Not classified based on the calculation method according to CLP regulation.

Sensitisation

Result	:	No sensitizing effect known by skin contact.

CMR effects

CMR Properties

Carcinogenicity	:	It is not considered carcinogenic. Contains no ingredient listed as a carcinogen
Mutagenicity	:	It is not considered mutagenic. Contains no ingredient listed as a mutagen
Reproductive toxicity	:	It is not considered toxic for reproduction. Contains no ingredient listed as toxic to reproduction

Specific Target Organ Toxicity

Single exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Repeated dose toxicity

No data available

Aspiration hazard

No aspiration toxicity classification,

Further information		
Other relevant toxicity information	:	Handle in accordance with good industrial hygiene and safety practice.
Experience with human exposure	:	Health injuries are not known or expected under normal use.,

Component:	Glycerol	CAS-No. 56-81-5
Acute toxicity		
Oral		
LD50	:	12600 mg/kg (Rat)
Dermal		
LD50	:	> 18700 mg/kg (Rabbit)

11.2. Information on other hazards

Data for the product		
Endocrine disrupting properties		
Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Component:	Glycerol	CAS-No. 56-81-5
Acute toxicity		
Fish		
LC50	:	> 10.000 mg/l (Leuciscus idus (Golden orfe))
Toxicity to daphnia and other aquatic invertebrates		
LC50	:	> 10.000 mg/l (Daphnia magna)

Bacteria		
EC50	:	> 10000 mg/l (Pseudomonas putida; 16 h)

12.2. Persistence and degradability

Data for the product		
Persistence and degradability		
Biodegradability		
Result	:	Readily biodegradable.

Component:	Glycerol	CAS-No. 56-81-5
Persistence and degradability		
Biodegradability		
Result	:	Readily biodegradable.

12.3. Bioaccumulative potential

Data for the product		
Bioaccumulation		
Result	:	Bioaccumulation is not expected.

12.4. Mobility in soil

Data for the product		
Mobility		
Result	:	The product is water soluble.

12.5. Results of PBT and vPvB assessment

Data for the product		
Results of PBT and vPvB assessment		
Result	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Endocrine disrupting properties

Data for the product		
Endocrine disrupting potential	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Data for the product		
Additional ecological information		
Result	:	Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product	:	Disposal together with normal waste is not allowed. Do not let product enter drains. Can be incinerated, when in compliance with local regulations.
Contaminated packaging	:	Empty remaining contents. Empty containers should be delivered to local recyclers for disposal or to the provider for their reutilization in case of being subject to a return and deposit system.
European Waste Catalogue Number	:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

Not dangerous goods for ADR, RID and IMDG.

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Data for the product

WGK (DE)	:	WGK 1: slightly hazardous to water; (according AwSV)
German Störfallverordnung	:	Does not fall under the German StörfallV. -
Other regulations	:	This product, delivered to the European Economic Area, is compliant with Regulation (EC) 1907/2006 (REACh) as every substance/monomer it is composed of is excluded from regulation or exempted from registration or have been registered in the supply chain. Please note, that REACH requirements still might apply to import, re-import or specific uses.

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Abbreviations and Acronyms

AU AIICL	Australia. Industrial Chemicals Act (AIIC) List
BCF	bioconcentration factor
BOD	biochemical oxygen demand

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
DSL	Canada. Environmental Protection Act, Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ENCS (JP)	Japan. Kashin-Hou Law List
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IECSC	China. Inventory of Existing Chemical Substances
INSQ	Mexico. National Inventory of Chemical Substances
ISHL (JP)	Japan. Inventory of Industrial Safety & Health
KECI (KR)	Korea. Existing Chemicals Inventory
LC50	median lethal concentration
LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NDSL	Canada. Environmental Protection Act. Non-Domestic Substances List
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
NZIOC	New Zealand. Inventory of Chemicals
OECD	Organisation for Economic Cooperation and Development
OEL	occupational exposure limit
ONT INV	Canada. Ontario Inventory List
PBT	persistent, bioaccumulative and toxic
PHARM (JP)	Japan. Pharmacopoeia Listing
PICCS (PH)	Philippines. Inventory of Chemicals and Chemical Substances
PNEC	predicted no-effect concentration
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
STOT	specific target organ toxicity
SVHC	substance of very high concern
TCSI	Taiwan. Existing Chemicals Inventory
TH INV	Thailand. Existing Chemicals Inventory from FDA
TSCA	US. Toxic Substances Control Act

UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VN INVL	Vietnam. National Chemical Inventory
vPvB	very persistent and very bioaccumulative

Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

|| Indicates updated section.