

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 1 of 11  
Language: en-DE,AT,GB

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

#### 1.1 Product identifier

Trade name: DIAM.POL.COMPOUND DPP

This safety data sheet pertains to the following products:

44240001 - DIAM.POL.COMPOUND DPP 1- 5  
44240002 - DIAM.POL.COMPOUND DPP 1- 20  
44240003 - DIAM.POL.COMPOUND DPP 3- 5  
44240007 - DIAM.POL.COMPOUND DPP 7- 5  
44240010 - DIAM.POL.COMPOUND DPP 10- 5  
44240011 - DIAM.POL.COMPOUND DPP 10- 20  
44240015 - DIAM.POL.COMPOUND DPP 15- 5  
44240030 - DIAM.POL.COMPOUND DPP 30- 5  
44240103 - DIAM.POL.COMPOUND DPP 3-20  
44240107 - DIAM.POL.COMPOUND DPP 7-20  
44240115 - DIAM.POL.COMPOUND DPP 15-20  
44240130 - DIAM.POL.COMPOUND DPP 30-20  
44240152 - DIAM.POL.COMPOUND DPP ECO 1- 10  
44240162 - DIAM.POL.COMPOUND DPP ECO 3- 10  
44240172 - DIAM.POL.COMPOUND DPP ECO 7- 10  
44240182 - DIAM.POL.COMPOUND DPP ECO 10- 10  
44240192 - DIAM.POL.COMPOUND DPP ECO 15- 10  
44240202 - DIAM.POL.COMPOUND DPP ECO 30- 10  
47901074 - SA- DIAM.POL.COMPOUND DPP 1- 5  
47901182 - SA- DIAM.POL.COMPOUND DPP 6- 5  
47901183 - SA- DIAM.POL.COMPOUND DPP 9- 5  
47901184 - SA- DIAM.POL.COMPOUND DPP 12- 5  
47901068 SA DPP/X 15/20 GRAMM SPRITZE  
47901060 SA DPP/X 3/20 GRAMM SPRITZE  
47901152 SA DPP/X 30/20 GRAMM SPRITZE  
47901065 SA DPP/X 50/20 GRAMM SPRITZE  
47901067 SA DPP/X 7/20 GRAMM SPRITZE

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

General use: Polishing agent.  
For industrial purposes only.

#### 1.3 Details of the supplier of the safety data sheet

Company name: August Rüggeberg GmbH & Co. KG  
PFERD-Werkzeuge  
Street/POB-No.: Hauptstraße 13  
Postal Code, city: 51709 Marienheide  
Germany  
WWW: www.pferd.com  
E-mail: info@pferd.com  
Telephone: +49 (0)2264-9-0  
Telefax: +49 (0)2264-9-400  
Department responsible for information:  
Telephone: +49 (0) 2264-9-0

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

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Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 2 of 11  
Language: en-DE,AT,GB

### 1.4 Emergency telephone number

**Germany: 0800-181-5313**  
**Austria: 0800-802278**  
**France: 0805-089352**  
**Italy: 800-794-834**  
**Bulgaria: 359-32571722**  
**Poland: +48-223073296**  
**Sweden: 020-889-215**  
**Greece: 30-2111981153**  
**Other EU-Countries: 1-813-248-0585**

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

### 2.2 Label elements

#### Labelling (CLP)

Hazard statements: not applicable

Precautionary statements:  
not applicable

#### Special labelling

EUH210 Safety data sheet available on request.

### 2.3 Other hazards

Special danger of slipping by leaking/spilling product.  
Can form a highly explosive mixture with air.

Endocrine disrupting properties, Results of PBT and vPvB assessment:  
No data available

## SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

### 3.2 Mixtures

Chemical characterisation:  
mixture of polyethylene glycol and Diamond.

Additional information: Contains: polyethylene glycol. The maximum workplace exposure limits are, where necessary, listed in section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

In case of inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Seek medical attention.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

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Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 3 of 11  
Language: en-DE,AT,GB

Following skin contact: Remove residues with soap and water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After swallowing: Rinse mouth and drink large quantities of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. If you feel unwell, seek medical advice.

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

After contact with skin: May cause irritations.  
After eye contact: May cause irritations.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:

water spray jet, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

### 5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.  
Furthermore, there may develop: carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information: Hazchem-Code: -

Do not allow water used to extinguish fire to enter drains, ground or waterways.  
Cool endangered containers with water jetspray.  
Heating causes rise in pressure with risk of bursting.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe dust. Keep unprotected people away.  
Keep away from sources of ignition.  
Avoid contact with skin and eyes.  
Provide adequate ventilation. Wear appropriate protective equipment.

### 6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.  
In case of release, notify competent authorities.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 4 of 11  
Language: en-DE,AT,GB

Additional information: Special danger of slipping by leaking/spilling product.

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.  
Avoid contact with skin and eyes.  
Wear appropriate protective equipment. Do not breathe dust.  
Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Have eye wash bottle or eye rinse ready at work place.

Precautions against fire and explosion:

Product is combustible. Can form a highly explosive mixture with air.  
Keep away from sources of ignition - No smoking.  
Take precautionary measures against static discharges.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container dry, tightly closed and store at cool and aired place.  
Recommended storage temperature: 5 - 30 °C  
Keep only in original container.  
Protect from heat and direct sunlight.

Hints on joint storage: Do not store together with food.

Storage class: 11 = Combustible solids that cannot be assigned to any of the above storage classes

### 7.3 Specific end use(s)

No information available.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 5 of 11  
Language: en-DE,AT,GB

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
	DIAM.POL.CO MPOUND DPP	Austria: MAK Kurzzeit-Mittelwert	10 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
		Austria: MAK Kurzzeit-Mittelwert	20 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
		Austria: MAK Langzeit-Mittelwert	10 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
		Austria: MAK Langzeit-Mittelwert	5 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
		Germany: DFG Kurzzeit	2,4 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
		Germany: DFG Langzeit	0,3 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
		Germany: DFG Langzeit	4 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
		Germany: TRGS 900 Kurzzeit	2,5 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
		Germany: TRGS 900 Kurzzeit	20 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
		Germany: TRGS 900 Langzeit	1,25 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
		Germany: TRGS 900 Langzeit	10 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
		Great Britain: WEL-TWA	10 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
		Great Britain: WEL-TWA	4 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
25322- 68-3	Polyethylene glycol	Austria: MAK Kurzzeit-Mittelwert	4.000 mg/m <sup>3</sup> (inhalable fraction, Weight-average molecular weight (Mw) 200-600, max. 4x15 min./shift)
		Austria: MAK Langzeit-Mittelwert	1.000 mg/m <sup>3</sup> (inhalable fraction, Weight-average molecular weight (Mw) 200-600)
		Germany: DFG Kurzzeit	500 mg/m <sup>3</sup> (inhalable fraction)
		Germany: DFG Langzeit	250 mg/m <sup>3</sup> (inhalable fraction)
		Germany: TRGS 900 Kurzzeit	400 mg/m <sup>3</sup> (inhalable fraction, Weight-average molecular weight (Mw) 200-600)
		Germany: TRGS 900 Langzeit	200 mg/m <sup>3</sup> (inhalable fraction, Weight-average molecular weight (Mw) 200-600)

#### 8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 6 of 11  
Language: en-DE,AT,GB

### Personal protection equipment

#### Occupational exposure controls

- Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded. In case of inadequate ventilation wear respiratory protection.  
Recommendation: Use combination filter type A/P2 according to EN 14387.  
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
- Hand protection: Protective gloves according to DIN EN ISO 374-1.  
Glove material: Nitrile rubber  
Layer thickness: 0,11 mm.  
Breakthrough time: >480 min.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to DIN EN ISO 16321-1.
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures:  
Avoid contact with skin and eyes.  
Do not breathe dust. When using do not eat, drink or smoke.  
Wash hands before breaks and after work.  
Have eye wash bottle or eye rinse ready at work place.

#### Environmental exposure controls

Refer to "6.2 Environmental precautions".

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa	Form: pasty
Colour:	white-grey
Odour:	odourless
Odour threshold:	No data available
Melting point/freezing point:	30 - 60 °C
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Flash point/flash point range:	> 200 °C
Auto-ignition temperature:	> 320 °C
Decomposition temperature:	approx. 360 °C
pH:	at 20 °C, 100 g/L: approx. 4 - 7
Viscosity, kinematic:	No data available
Water solubility:	completely miscible
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	at 20 °C: < 0,1 hPa
Density:	at 20 °C: approx. 1,2 g/cm <sup>3</sup>
Vapour density:	No data available
Particle characteristics:	Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 7 of 11  
Language: en-DE,AT,GB

### 9.2 Other information

Explosive properties: Can form a highly explosive mixture with air.  
Oxidizing characteristics: No data available  
Auto-ignition temperature: No data available  
Evaporation rate: No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

refer to 10.3

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Can form a highly explosive mixture with air.  
Reacts with strong oxidizing agents.

### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

carbon monoxide and carbon dioxide.  
Thermal decomposition: approx. 360 °C

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 8 of 11  
Language: en-DE,AT,GB

### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological effects:

- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Serious eye damage/irritation: Lack of data.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Lack of data.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Lack of data.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Lack of data.

#### 11.2 Information on other hazards

Endocrine disrupting properties:  
No data available

#### Symptoms

After contact with skin: May cause irritations.  
After eye contact: May cause irritations.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Water Hazard Class: 1 = slightly hazardous to water

#### 12.2 Persistence and degradability

Further details: moderately/partially biodegradable

#### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:  
No data available

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Endocrine disrupting properties

No data available



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

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Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 9 of 11  
Language: en-DE,AT,GB

### 12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste key number: 12 01 21 = Spent grinding bodies and grinding materials other than those mentioned in 12 01 20

Recommendation: Do not dispose of with household waste.  
Do not allow to enter drains. Dispose of waste according to applicable legislation.

#### Package

Recommendation: Dispose of waste according to applicable legislation.

## Section 14. Transport information

### 14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:  
not applicable

### 14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR:  
Not restricted

### 14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR:  
not applicable

### 14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:  
not applicable

### 14.5 Environmental hazards

Dangerous for the environment:  
Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no

### 14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version: 9.1  
Replaces version: 9.0

Revision date: 24.8.2023  
Date of print: 4.8.2025

Page: 10 of 11  
Language: en-DE,AT,GB

### SECTION 15: Regulatory information

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

##### National regulations - Germany

Storage class: 11 = Combustible solids that cannot be assigned to any of the above storage classes

Water Hazard Class: 1 = slightly hazardous to water

Further regulations, limitations and legal requirements:  
No data available

##### National regulations - Austria

Storage class: 11 = Combustible solids that cannot be assigned to any of the above storage classes

Further regulations, limitations and legal requirements:  
No data available

##### National regulations - Great Britain

Hazchem-Code: -  
No data available

##### National regulations - EC member states

##### Labelling of packaging with <= 125mL content

Hazard statements: EUH210 Safety data sheet available on request.

Precautionary statements:  
not applicable

Further regulations, limitations and legal requirements:  
No data available

#### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

### SECTION 16: Other information

Reason of change: Changes in section 8: Occupational exposure limit values

Date of first version: 4.11.2013

Department issuing data sheet:  
see section 1: Department responsible for information

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878



## DIAM.POL.COMPOUND DPP

Product number 049

Version:	9.1	Revision date:	24.8.2023	Page:	11 of 11
Replaces version:	9.0	Date of print:	4.8.2025	Language:	en-DE,AT,GB

### Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
AS/NZS: Australian Standards/New Zealand Standards  
CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
CLP: Classification, Labelling and Packaging  
DMEL: Derived minimal effect level  
DNEL: Derived no-effect level  
EC: European Community  
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods  
EN: European Standard  
EQ: Excepted quantities  
EU: European Union  
IATA: International Air Transport Association  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IMDG Code: International Maritime Dangerous Goods Code  
IMO: International Maritime Organization  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
OEL: Occupational Exposure Limit Value  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative and toxic  
PNEC: Predicted no-effect concentration  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail  
TLV: Threshold Limit Value  
TRGS: Technical Rules for Hazardous Substances  
vPvB: Very persistent and very bioaccumulative  
WEL: Workplace Exposure Limit

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products.