

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.10.2022

Version number 11.1

Revision: 25.01.2024

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

- 1.1 Product identifier
- Trade name: **6385 DIAMANTINE POLISHING PASTE**
- Nanoforms The mixture does not contain any components in nanoform
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
No further relevant information available.
- Application of the substance / the mixture      Abrasive and polishing compound
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
**BERGEON SA**  
**Allée des Défricheurs 4a**  
**CH-2300 La Chaux-de-Fonds**  
**+41 32 933 60 00**  
**info@bergeon.ch**  
**WWW.bergeon.ch**
- Further information obtainable from:      Product and Environmental Safety Department
- 1.4 Emergency telephone number:      CHEMTREC: +1 703-741-5970 / 1-800-424-9300 CCN 842438

### 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, according to the CLP regulation.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008      Void
- Hazard pictograms      Void
- Signal word      Void
- Hazard statements      Void
- Additional information:  
EUH210 Safety data sheet available on request.
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

### \* SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

#### • Dangerous components:

CAS: 64741-89-5 EINECS: 265-091-3	Distillates (petroleum), solvent-extended light paraffinic (Nota L, -R45, <3% methyl sulfoxide)	2.5-10%
	⚠ Asp. Tox. 1, H304	

- Additional information:  
CAS: 64741-89-5: Note L: Classification as a carcinogen is not obligatory if it can be shown that the substance contains less than 3% DMSO extract measured according to method IP 346.  
For the wording of the listed hazard phrases refer to section 16.

## Safety data sheet

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Printing date 14.10.2022

Version number 11.1

Revision: 14.10.2022

Trade name: **DIAMANTINE 060**

(Contd. of page 1)

### SECTION 4: First aid measures

- 4.1 Description of first aid measures
  - General information: No special measures required.
  - After inhalation: Supply fresh air; consult doctor in case of complaints.
  - After skin contact:
    - Immediately wash with water and soap and rinse thoroughly.
    - If skin irritation continues, consult a doctor.
  - After eye contact:
    - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing:
    - Rinse out mouth and then drink plenty of water.
    - If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed
  - No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
  - Treat according to symptoms.

### SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents: Water spray, foam, dry powder or carbon dioxide.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture Nitrogen oxides (NOx)
- 5.3 Advice for firefighters
- Protective equipment:
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.

### SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
  - Keep unnecessary personnel away. Ensure adequate ventilation. Use personal protection recommended in section 8.
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- 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 No special precautions are necessary if used correctly.
- Information about fire - and explosion protection: No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles:
    - Store in a well-ventilated place. Storage temperature: between 5°C and 30°C.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: None.

(Contd. on page 3)

EU



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.10.2022

Version number 11.1

Revision: 14.10.2022

Trade name: **DIAMANTINE 060**

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

(Contd. of page 2)

### SECTION 8: Exposure controls/personal protection

- 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.
  - Additional information:    The lists valid during the making were used as basis.
- 8.2 Exposure controls
  - Appropriate engineering controls      No further data; see item 7.
  - Individual protection measures, such as personal protective equipment
  - General protective and hygienic measures:  
The usual precautionary measures are to be adhered to when handling chemicals.
  - Respiratory protection:      Not necessary if room is well-ventilated.
  - Hand protection  
Normally one does not come into direct contact with the product during use. At the risk of entanglement of protective glove in rotating or linear moving machine parts protective gloves should not be worn.  
Recommendation for short-term exposure: Use chemical resistant gloves.
  - Material of gloves  
Nitrile rubber, NBR  
Recommended thickness of the material:     $\geq 0.45$  mm  
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.
  - Penetration time of glove material  
 $\geq 480$  min  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - Eye/face protection      Safety glasses
  - Body protection:      Protective work clothing

### SECTION 9: Physical and chemical properties

- |   |                          |
|---|--------------------------|
| • 9.1 Information on basic physical and chemical properties |                          |
| • General Information                                       |                          |
| • Colour:   | White                    |
| • Odour:  | Characteristic           |
| • Odour threshold:  | Not determined.          |
| • Melting point/freezing point:                             | Undetermined.            |
| • Boiling point or initial boiling point and boiling range  | $> 100$ °C ( $> 212$ °F) |
| • Flammability  | Not determined.          |
| • Lower and upper explosion limit                           |                          |
| • Lower:  | Not determined.          |
| • Upper:  | Not determined.          |
| • Flash point:  | $> 150$ °C ( $> 302$ °F) |
| • Decomposition temperature:                                | Not determined.          |
| • pH  | Not applicable.          |

(Contd. on page 4)

EU

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.10.2022

Version number 11.1

Revision: 14.10.2022

Trade name: **DIAMANTINE 060**

(Contd. of page 3)

• Viscosity:	
• Kinematic viscosity	Not applicable.
• Dynamic:	Not applicable.
• Solubility	
• water:	Insoluble.
• Partition coefficient n-octanol/water (log value)	Not determined.
• Vapour pressure:	Not applicable.
• Density and/or relative density	
• Density:	Not determined.
• Relative density	Not determined.
• Vapour density	Not applicable.
• Particle characteristics	See item 3.
• 9.2 Other information	
• Appearance:	
• Form:	Solid
• Important information on protection of health and environment, and on safety.	
• Auto-ignition temperature:	Product is not selfigniting.
• Explosive properties:	Product does not present an explosion hazard.
• Solvent content:	
• VOC (EC)	0,00 %
• Change in condition	
• Softening point/range	
• Oxidising properties	Not determined.
• Evaporation rate	Not applicable.
• Information with regard to physical hazard classes	
• Explosives	Void
• Flammable gases	Void
• Aerosols	Void
• Oxidising gases	Void
• Gases under pressure	Void
• Flammable liquids	Void
• Flammable solids	Void
• Self-reactive substances and mixtures	Void
• Pyrophoric liquids	Void
• Pyrophoric solids	Void
• Self-heating substances and mixtures	Void
• Substances and mixtures, which emit flammable gases in contact with water	Void
• Oxidising liquids	Void
• Oxidising solids	Void
• Organic peroxides	Void
• Corrosive to metals	Void
• Desensitised explosives	Void

### SECTION 10: Stability and reactivity

- 10.1 Reactivity None under normal conditions.

(Contd. on page 5)

EU



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.10.2022

Version number 11.1

Revision: 14.10.2022

Trade name: **DIAMANTINE 060**

(Contd. of page 4)

- 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      No further relevant information available.
- 10.5 Incompatible materials:      No further relevant information available.
- 10.6 Hazardous decomposition products:      No dangerous decomposition products known.

### \* SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity      Based on available data, the classification criteria are not met.

- LD/LC50 values relevant for classification:

CAS: 64741-89-5 Distillates (petroleum), solvent-extended light paraffinic (Nota L, -R45, <3% methyl sulfoxide)

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rab) (OECD 402)
Inhalative	LC50/4 h	>5 mg/l (rat) (OECD 403)

- Skin corrosion/irritation      Based on available data, the classification criteria are not met.
- Serious eye damage/irritation      Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation      Based on available data, the classification criteria are not met.
- 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.
- STOT-single exposure      Based on available data, the classification criteria are not met.
- STOT-repeated exposure      Based on available data, the classification criteria are not met.
- Aspiration hazard      Based on available data, the classification criteria are not met.
- 11.2 Information on other hazards

- Endocrine disrupting properties

None of the ingredients is listed.

### \* SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

CAS: 64741-89-5 Distillates (petroleum), solvent-extended light paraffinic (Nota L, -R45, <3% methyl sulfoxide)

LC50	>100 mg/l (fi)
EC50 (48h)	>10,000 mg/l (daphnia) (OECD 202)

- 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.
- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Endocrine disrupting properties  
The product does not contain substances with endocrine disrupting properties.

(Contd. on page 6)

EU

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.10.2022

Version number 11.1

Revision: 14.10.2022

Trade name: **DIAMANTINE 060**

- 12.7 Other adverse effects
- Additional ecological information:
- General notes:  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

(Contd. of page 5)

### SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation Disposal must be made according to official regulations.
- Waste disposal key:  
Waste codes should be determined in consultation with the customer, supplier and disposal.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

### SECTION 14: Transport information

• 14.1 UN number or ID number	
• ADR/RID, ADN, IMDG, IATA	Void
• 14.2 UN proper shipping name	
• ADR/RID, ADN, IMDG, IATA	Void
• 14.3 Transport hazard class(es)	
• ADR/RID, ADN, IMDG, IATA	
• Class	Void
• 14.4 Packing group	
• ADR/RID, IMDG, IATA	Void
• 14.5 Environmental hazards:	
• Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable.
• 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
• UN "Model Regulation":	Void

### \* SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
Regulation 1907/2006/EC, REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (in the currently valid version)  
Regulation 1272/2008/EC, on Classification, Labelling and Packaging of substances and mixtures (in the currently valid version)
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)  
None of the ingredients are included.

(Contd. on page 7)

EU



## Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 11.1

Revision: 14.10.2022

Trade name: **DIAMANTINE 060**

• REGULATION (EC) No 1907/2006 ANNEX XVII	None of the ingredients are included.	(Contd. of page 6)
• DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II	None of the ingredients is listed.	
• REGULATION (EU) 2019/1148		
• Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))	None of the ingredients is listed.	
• Annex II - REPORTABLE EXPLOSIVES PRECURSORS	None of the ingredients is listed.	
• Regulation (EC) No 273/2004 on drug precursors	None of the ingredients is listed.	
• Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors	None of the ingredients is listed.	
• 15.2 Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.	

### \* SECTION 16: Other information

The information in the safety data sheet applies only to the product described in connection with its intended use. The information is based on the current state of our knowledge. In particular, they serve to describe our product with regard to the hazards it presents and the applicable safety precautions. They do not represent any assurance of product and quality properties. The information in this safety data sheet is required in accordance with Article 31 and Annex II of Regulation (EC) No 1907/2006.

- Relevant phrases  
H304 May be fatal if swallowed and enters airways.
- Department issuing SDS: Product and Environmental Safety Department
- Date of previous version: 13.08.2021
- Abbreviations and acronyms:  
 ADR: Accord relatif au transport international 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)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Asp. Tox. 1: Aspiration hazard – Category 1
- \* Data compared to the previous version altered.