



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : SUSPENSION DIAMANTEE LD32E (+20802 A 20807)  
Product code : 20168 A 20175.

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

Diamonds suspension for polishing or grinding

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

Registered company name : PRESI S.A.S.  
Address : 11 Rue du vercors.38320.EYBENS.France.  
Telephone : +33 (0)4.76.72.00.21. Fax : +33 (0)4.76.72.05.84.  
presi@presi.com  
www.presi.com

#### 1.4. Emergency telephone number : +33 (0)1.45.42.59.59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with EC regulation No. 1272/2008 and its amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labeling :

#### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

##### Composition :

Identification	Classification (EC) 1272/2008	Note	%
CAS: 25322-68-3 EC: 500-038-2  POLYETHYLENEGLYCOL		[1]	10 $\leq$ x % < 25

##### Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.



#### **SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

##### **4.1. description of first aid measures**

###### **In the event of splashes or contact with eyes :**

Rinse immediately with plenty of water, also under the eyelids

###### **In the event of splashes or contact with skin :**

Wash well with water

###### **In the event of swallowing :**

Seek medical attention, showing the label.

Clean mouth with water and drink afterwards plenty of water

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

No data available.

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

No data available.

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#### **SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

##### **5.1. Extinguishing media**

###### **Suitable methods of extinction**

In the event of a fire, use :

- water
- foam
- dry sand
- carbon dioxide (CO<sub>2</sub>)
- powder

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

##### **5.3. Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus

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#### **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

###### **For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

##### **6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.



#### 6.4. Reference to other sections

No data available.

### SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

#### 7.1. Precautions for safe handling

Always wash hands after handling.

#### Fire prevention :

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

Keep in a cool place

Keep the container tightly closed and away from dampness

If humidity and temperature too low, fears the freeze

#### Packaging

Always keep in packaging made of an identical material to the original.

#### 7.3. Specific end use(s)

No data available.

### SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

##### Occupational exposure limits :

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME :	VME :	Excess	Notes
25322-68-3		200 E mg/m <sup>3</sup>		8(II)

- Switzerland (Suva 2021) :

CAS	VME	VLE	Valeur plafond	Notations
25322-68-3	500 ppm			

#### 8.2. Exposure controls

##### Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

##### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

##### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

##### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

##### - Respiratory protection

Breathing apparatus needed only when aerosol or mist is formed



## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### Physical state

Physical state : Fluid liquid.

#### Colour

Unspecified

#### Odour

Odour threshold : Not stated.

#### Melting point

Melting point/melting range : Not relevant.

#### Freezing point

Freezing point / Freezing range : Not stated.

#### Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not relevant.

#### Flammability

Flammability (solid, gas) : Not stated.

#### Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) : Not stated.

Explosive properties, upper explosivity limit (%) : Not stated.

#### Flash point

Flash point interval : Not relevant.

#### Auto-ignition temperature

Self-ignition temperature : Not specified.

#### Decomposition temperature

Decomposition point/decomposition range : Not relevant.

#### pH

pH (aqueous solution) : Not stated.

pH : Not stated.  
Slightly acidic.

#### Kinematic viscosity

Viscosity : Not stated.

#### Solubility

Water solubility : Soluble.

Fat solubility : Not stated.

#### Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

#### Vapour pressure

Vapour pressure (50°C) : Not relevant.

#### Density and/or relative density

Density : > 1

#### Relative vapour density

Vapour density : Not stated.

### 9.2. Other information

VOC (g/l) : 0

#### 9.2.1. Information with regard to physical hazard classes

No data available.

#### 9.2.2. Other safety characteristics



No data available.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Avoid :

- frost

### 10.5. Incompatible materials

Keep away from :

- oxidising agents

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

Incomplete combustion produces toxic gases, such as CO, CO<sub>2</sub>, various forms of hydrocarbons, aldehydes, etc..., and soots

## SECTION 11 : TOXICOLOGICAL INFORMATION

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

No data available.

#### 11.1.1. Substances

##### Acute toxicity :

POLYETHYLENEGLYCOL (CAS: 25322-68-3)

Oral route :

LD50 > 5.000 mg/kg bodyweight/day

Species : Rat

##### Skin corrosion/skin irritation :

POLYETHYLENEGLYCOL (CAS: 25322-68-3)

Species : Rabbit

Other guideline

Species : Rabbit

Other guideline

##### Germ cell mutagenicity :

POLYETHYLENEGLYCOL (CAS: 25322-68-3)

No mutagenic effect.

Mutagenesis (in vitro) :

Negative.

Species : Bacteria

Ames test (in vitro) :

Negative.

#### 11.1.2. Mixture

No toxicological data available for the mixture.

### 11.2. Information on other hazards



## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

POLYETHYLENEGLYCOL (CAS: 25322-68-3)

Fish toxicity : LC50 > 100 mg/l  
Species : Leuciscus idus  
Duration of exposure : 96 h

Crustacean toxicity : Species : Daphnia magna

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

#### 12.2.1. Substances

POLYETHYLENEGLYCOL (CAS: 25322-68-3)

Chemical oxygen demand : DCO = 1.695 g/g

Biodegradability : Rapidly degradable.

### 12.3. Bioaccumulative potential

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.

### 12.7. Other adverse effects

No data available.

### German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :

WGK 1 : Slightly hazardous for water.

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## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Respect the local and national regulations

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Respect the local and national regulations



#### SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

**14.1. UN number or ID number**

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**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

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**14.6. Special precautions for user**

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**14.7. Maritime transport in bulk according to IMO instruments**

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#### SECTION 15: Regulatory information

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

**Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

**Container information:**

No data available.

**Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):**

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

**Particular provisions :**

No data available.

**German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws) :**

WGK 1 : Slightly hazardous for water.

**15.2. Chemical safety assessment**

No data available.

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#### SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Abbreviations and acronyms :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

STEL : Short-term exposure limit



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TWA : Time Weighted Averages

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.