

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 1 of 8

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

PREMA TALKUM

Art.-No.

PTT-1 (SKU No. 2209030)

CAS No: 14807-96-6

EC No: 238-877-9

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

Release agent

1.3. Details of the supplier of the safety data sheet

Company name: PREMA GmbH

Street: Aspertscham 40

Place: D-94081 Fürstzell

Telephone: +49 (0) 8502 917 150 0

Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

Public Poisons Information Line: +353 (0) 1 809 2166 (8am-10pm 7 days a week)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This substance is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements**Additional advice on labelling**

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH), this product is regarded to be neither PBT nor vPvB.

SECTION 3: Composition/information on ingredients**3.1. Substances****Hazardous components**

CAS No	Chemical name	Index No	REACH No	Quantity
	EC No			
	GHS Classification			
14807-96-6	Talc			> 99 %
	238-877-9			

Full text of H and EUH statements: see section 16.

Further Information

Natural mineral powder: Intergrowth of talcum-chlorite with quartz (with less than 1% alveolic quartz)



Safety Data Sheet

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 2 of 8

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
No specific precautions required.

After inhalation

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
In the event of symptoms refer for medical treatment.

After contact with skin

No hazards which require special first aid measures.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.
If eye irritation persists, consult a specialist.

After ingestion

No hazards which require special first aid measures.

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

When dust is produced, slight irritations of eyes and mucous membranes are possible.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

No specific precautions required.

Additional information

Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Ensure adequate ventilation.
Keep away noninvolved persons.

For non-emergency personnel

Do not breathe dust.
Avoid contact with skin, eyes and clothing.

For emergency responders

In case of respirable dust, use a self-contained breathing apparatus.
Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 3 of 8

For containment

Avoid dust formation.

For cleaning up

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.
Where possible recycling is preferred to disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).
Informations for disposal look up chapter 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Keep container tightly closed.
Provide appropriate exhaust ventilation at places where dust is formed.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.
Avoid dust formation.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Release agent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits**

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
14807-96-6	Talc, respirable dust	-	0.8		TWA (8 h)	

Additional advice on limit values

Obey TLV for common dust, if applicable.

8.2. Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.
Respirator must be worn if exposed to dust.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.
Do not inhale dust.
Remove and wash contaminated clothing before re-use.

Eye/face protection

Safety goggles with side protection (EN 166).

Hand protection

Protective gloves resistant to chemicals made off natural-rubber latex, Minimum coat thickness 0.6 mm,
Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 4 of 8

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This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

Respirator must be worn if exposed to dust.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Powder	
Colour:	Light grey	
Odour:	Odourless	
pH-Value (at 20 °C):		9,0 - 9,5
Changes in the physical state		
Melting point/freezing point:		> 1300 °C
Boiling point or initial boiling point and boiling range:		n. d.
Sublimation point:		n.a.
Softening point:		n. d.
Flash point:		n.a.
Sustaining combustion:	Not sustaining combustion	
Flammability		
Solid/liquid:		n.a.
Explosive properties		
The product is not explosive.		
Lower explosion limits:		n.a.
Upper explosion limits:		n.a.
Auto-ignition temperature:		n.a.
Self-ignition temperature		
Solid:		n.a.
Gas:		n.a.
Decomposition temperature:		> 1000 °C
Oxidizing properties		
Not oxidising.		
Vapour pressure:		n. d.
Density (at 20 °C):		2,58 - 2,83 g/cm ³
Bulk density:		n. d.
Water solubility: (at 20 °C)		Negligible
Solubility in other solvents		
n. d.		
Partition coefficient n-octanol/water:		n.a.
Viscosity / dynamic:		n.a.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 5 of 8

Viscosity / kinematic:	n.a.
Flow time:	n.a.
Relative vapour density:	n.a.
Evaporation rate:	n.a.
Solvent separation test:	0 %
Solvent content:	0 %

9.2. Other information

Solid content:	100 %
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SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

No hazardous 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.
LD50/oral/rat: > 5000 mg/kg

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

11.2. Information on other hazards



Safety Data Sheet

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 6 of 8

Endocrine disrupting properties

No data available

Other information

When dust is produced, slight irritations of eyes and mucous membranes are possible.
Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No data available

Further information

Ecological injuries are not known or expected under normal use.
Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
Where possible recycling is preferred to disposal.

List of Wastes Code - residues/unused products

100804 WASTES FROM THERMAL PROCESSES; wastes from other non-ferrous thermal metallurgy;
particulates and dust

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 7 of 8

<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Directive 2004/42/EC on VOC in paints and varnishes:	0 %
Information according to Directive 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): - - non-hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 6,7,9,11,12,14.

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

PREMA TALKUM

Revision date: 14.06.2024

Product code: 00623-0030

Page 8 of 8

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"