

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Talcum powder, JIS Z 8901 Class 9

Revision: 1/30/2026

Product code: KSL0020

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

### 1.1. Product identifier

Talcum powder, JIS Z 8901 Class 9

#### Further trade names

Talcum powder according to DIN EN 60529, Talcum powder OMFTM 30, Talcum powder OMFTM 40, JIS Z 8901 Class 9

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

#### Use of the substance/mixture

Test dust

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

Company name:	KSL staubtechnik gmbh	
Street:	Westendstraße 11	
Place:	D-89415 Lauingen	
Telephone:	+49 (0) 9072 95 00-0	Telefax: +49 (0) 9072 95 00-50
E-mail:	info@ksl-staubtechnik.de	
Contact person:	Dr. R. Stadler	Telephone: +49 (0) 9072 95 00-0
E-mail (Contact person):	info@ksl-staubtechnik.de	
Internet:	www.ksl-staubtechnik.de	

### 1.4. Emergency telephone number:

+49 (0) 9072 / 95 00-0 (Availability: Mon-Thu 08:00-16:00, Fri 08:00-12:00)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

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

### 2.2. Label elements

#### Additional advice on labelling

Label elements: none.

### 2.3. Other hazards

Based on the available data on talc, the product does not pose a hazard to humans or the environment when used as intended. Like any other mineral dust, talc can cause irritation of the upper respiratory tract and eyes due to the effect of foreign bodies.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
14807-96-6	Talc			>=96%
	238-877-9			
13717-00-5	Magnesite			0-4 %
16389-88-1	Dolomite - calcium magnesium carbonate			0-4 %
	240-440-2			
1318-59-8	Chlorite			0-4 %
	215-285-9			

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

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#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
Specific Conc. Limits, M-factors and ATE			
14807-96-6	238-877-9	Talc	>=96%
dermal: LD50 = >2000 mg/kg oral: LD50 = >5000 mg/kg			

#### Further Information

This product does not contain asbestos fibres according to the US Occupational Safety and Health Administration (OSHA) and European Directive 82/477/EEC, as determined by standard analysis methods. This statement is based on tests conducted by certified independent laboratories.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

If symptoms persist, it is advisable to consult a doctor. Tell the doctor what substance/product was involved and what measures were taken.

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash off with soap and water.

##### After contact with eyes

If the eyelid is open, rinse immediately with plenty of water.

##### After ingestion

Rinse mouth thoroughly with water.

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

The symptoms of acute accidental exposure are non-specific and similar to those experienced when inhaling any dust intensively without toxic effects. These symptoms may include: coughing, expectoration, sneezing and difficulty breathing due to irritation of the upper respiratory tract. The eyes may also become irritated due to the effect of foreign bodies.

#### 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

All extinguishing agents may be used without restriction.

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

The product is non-flammable, non-combustible and non-explosive. No hazardous thermal decomposition.

#### 5.3. Advice for firefighters

No specific fire protection measures required. Match extinguishing agents and extinguishing measures to the environment.

##### Additional information

No special measures are necessary.

### SECTION 6: Accidental release measures

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

##### General advice

Avoid dust formation. Do not breathe dust.

##### For non-emergency personnel

Wear protective clothing as described in Section 8. Follow the instructions for safe handling as described in

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Section 7. Product forms slippery coatings when combined with water.

#### For emergency responders

Emergency plans are not required. However, respiratory protection is necessary in case of high dust exposure.

#### 6.2. Environmental precautions

No special environmental measures are necessary.

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

##### For containment

Avoid generating dust.

##### For cleaning up

Pick up or vacuum the mixture mechanically and collect it in the designated container for disposal in accordance with local regulations. Use approved industrial vacuum cleaners or suction systems.

##### Other information

Blowing off for cleaning purposes is not permitted.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Avoid dust formation and accumulation.

##### Advice on protection against fire and explosion

No special fire protection measures are necessary.

##### Advice on general occupational hygiene

When using do not eat, drink or smoke. Wash hands after use/contact. Wear a dust mask and safety goggles in dusty atmospheres.

##### Further information on handling

Measures to prevent aerosol and dust generation : Only sweep with a suitable broom. For cleaning, use suitable methods such as vacuum suction that are as dry as possible and do not cause dust to form.

Measures to protect the environment : Do not allow to enter waterways, sewage systems or the ground.

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

##### Requirements for storage rooms and vessels

Store in a dry place, tightly sealed, preferably in the original container.

##### Further information on storage conditions

Store containers in a dry place.

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

No additional information is available for the specific end uses (see section 1.2).

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### PNEC values

CAS No	Name of agent	
Environmental compartment		Value
14807-96-6	Talc	
Freshwater		598 mg/l
Marine water		141,3 mg/l
Freshwater sediment		31,33 mg/kg
Marine sediment		3,13 mg/kg

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#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

#### Appropriate engineering controls

A combination of technical and individual protective measures is often necessary to comply with occupational exposure limits. Recommended measurement methods for workplace measurements: See the series of publications by the employers' liability insurance association. Technical control measures and individual protective measures are recommended for the identified uses (section 1.2). Ventilate as needed to control dust in the air. Use a ventilation system if there is a high concentration of dust in the air.

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

##### Eye/face protection

Wear closed safety goggles in accordance with EN 166 if dust is generated.

##### Hand protection

May cause slight irritation to sensitive individuals due to mechanical friction on the skin. If necessary, wear protective gloves in accordance with standard EN 374.

##### Skin protection

No personal protective equipment is necessary when used as intended. Handle the product in accordance with the safety instructions.

##### Respiratory protection

If exposure limits are exceeded (e.g. when handling powdered product in the open air), a suitable respirator with P1 or P2 particle filter in accordance with standard 143 must be worn, depending on the dust exposure.

##### Thermal hazards

Hygiene measures : Do not eat, drink or smoke at work. Wash hands and shower if necessary before breaks and at the end of work. Avoid contact with eyes and skin. After work, workers should wash or shower and use skin care products. Clean contaminated clothing, shoes, watches, etc. before reuse.

##### Environmental exposure controls

See sections 6 and 7. No further action required.

## SECTION 9: Physical and chemical properties

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

Physical state:	solid	<b>Test method</b>
Colour:	white , cream-coloured to light grey	
Odour:	odourless	
Melting point/freezing point:	> 1300 °C	
Boiling point or initial boiling point and boiling range:	not applicable	
Flammability:	Non-flammable.	
Lower explosion limits:	not applicable	
Upper explosion limits:	not applicable	
Flash point:	not applicable	
Auto-ignition temperature:	not applicable	
Decomposition temperature:	> 1000 °C	
pH-Value:	8 - 10 (Konz. (% w/w):10 (alkalisch)	
Viscosity / kinematic:	not applicable	
Water solubility:	negligible	
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:	>1	Assessment/classification
Vapour pressure:	not applicable	

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Vapour pressure:	not applicable
Density:	2,75 g/cm <sup>3</sup>
Relative vapour density:	not applicable
Particle characteristics:	X50 value: 0µm - 300µm

### **9.2. Other information**

#### **Information with regard to physical hazard classes**

##### **Explosive properties**

The product is not: Explosive.

##### **Oxidizing properties**

The product is not: oxidising.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Inert product. Non-reactive.

### **10.2. Chemical stability**

Chemically stable.

### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

### **10.4. Conditions to avoid**

Moisture and water during storage can lead to clumping and loss of product quality.

### **10.5. Incompatible materials**

not relevant

### **10.6. Hazardous decomposition products**

not relevant

## **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.

#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg ATE (dermal) > 2000 mg/kg ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name	Exposure route	Dose	Species	Source	Method
14807-96-6	Talc					
	oral	LD50 >5000 mg/kg		Rat		OECD 423
	dermal	LD50 >2000 mg/kg		Rat		OECD 402

#### **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**

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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.

#### Information on likely routes of exposure

Inhalation is the primary form of exposure. Repeated and prolonged exposure to large amounts of talc dust can lead to a mild form of pneumoconiosis. This is caused by excessive exposure-related stress on the lungs and is more likely to be due to a non-specific effect of the dust particles than to a specific intrinsic fibrogenic activity of talc.

### 11.2. Information on other hazards

#### Endocrine disrupting properties

There are no known endocrine-disrupting properties or other harmful effects.

#### Other information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

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

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h][d]	Species	Source	Method
14807-96-6	Talc					
	Acute fish toxicity	LC50 89581 mg/l	96 h	Fisch		Data obtained by analogy conclusion, e.g. (Q)SAR.
	Acute algae toxicity	ErC50 7203 mg/l	96 h	Grünalge		Data obtained by analogy conclusion, e.g. (Q)SAR.
	Acute crustacea toxicity	EC50 36812 mg/l	48 h	wirbellose Wasserlebewesen		Data obtained by analogy conclusion, e.g. (Q)SAR.

### 12.2. Persistence and degradability

The product has not been tested.

### 12.3. Bioaccumulative potential

The product has not been tested.

### 12.4. Mobility in soil

negligible

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The product has not been tested.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No specific harmful effects known.

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Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation. Pick up the product dry. Do not dispose of in sewage or surface water. Discuss the exact waste code with the waste disposal company.

010410 - dusty and powdery waste

#### Contaminated packaging

150106 - mixed packaging according to material recycling

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number or ID 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 or ID 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.

### Marine transport (IMDG)

#### 14.1. UN number or ID 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.

### Air transport (ICAO-TI/IATA-DGR)

#### 14.1. UN number or ID 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.

### 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

Downstream user conditions or monitoring arrangements:

The product is not subject to the registration requirements of EC Regulation 1907/2006 (REACH).

Information according to Directive 2012/18/EU (SEVESO III)  
2012/18/EU (SEVESO III):

#### National regulatory information

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

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#### Additional information

TRGS 500 , TRGS 559 , TRGS 900 , Technische Anleitung zur Reinhaltung der Luft (TA-Luft) , Regulation on occupational health care (ArbMedVV) , BG principles for occupational health check-ups

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment is not required.

### SECTION 16: Other information

#### Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

EC/EEC: European Community/European Economic Community

EU: European Union

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

M-factor: Multiplying factor

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

DGR: Dangerous Goods Regulations

ICAO: International Civil Aviation Organization

TI: Technical Instructions

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

#### Key literature references and sources for data

We refer to information provided by raw material suppliers/manufacturers and the ECHA database on classification and labelling as sources for the most important data and technical information.

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#### Further Information

The information in this safety data sheet describes the safety requirements of our product and is based on our current state of knowledge. It does not constitute a guarantee of product properties and does not establish a contractual legal relationship. This safety data sheet is intended solely as a source of information for the user. It has been compiled with the utmost care; however, no guarantee can be given for the accuracy of the data, nor can any liability be accepted for the consequences of printing, typesetting or transmission errors. Existing laws, regulations and rules, including those not mentioned in this data sheet, must be observed by the recipient of our products on their own responsibility.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*