

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision: 1/30/2026

**Talcum powder, JIS Z 8901 Class 9**

Product code: KSL0020

Page 1 of 9

## 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.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Talcum powder, JIS Z 8901 Class 9**

Revision: 1/30/2026

Product code: KSL0020

Page 2 of 9

**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  | $\geq 96\%$ |
|            |           | 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Talcum powder, JIS Z 8901 Class 9

Revision: 1/30/2026

Product code: KSL0020

Page 3 of 9

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  |

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Talcum powder, JIS Z 8901 Class 9

Revision: 1/30/2026

Product code: KSL0020

Page 4 of 9

### 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                                |
| Colour:         | white , cream-coloured to light grey |
| Odour:          | odourless                            |

#### Test method

|   |                                      |
|---|--------------------------------------|
| 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                                   |
| Vapour pressure:  | not applicable                       |

#### Assessment/classification

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Talcum powder, JIS Z 8901 Class 9

Revision: 1/30/2026

Product code: KSL0020

Page 5 of 9

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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Talcum powder, JIS Z 8901 Class 9

Revision: 1/30/2026

Product code: KSL0020

Page 6 of 9

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.

### Further information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision: 1/30/2026

**Talcum powder, JIS Z 8901 Class 9**

Product code: KSL0020

Page 7 of 9

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):

Not subject to 2012/18/EU (SEVESO III)

##### National regulatory information

Water hazard class (D):

- - non-hazardous to water



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Talcum powder, JIS Z 8901 Class 9**

Revision: 1/30/2026

Product code: KSL0020

Page 8 of 9

**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.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Talcum powder, JIS Z 8901 Class 9**

Revision: 1/30/2026

Product code: KSL0020

Page 9 of 9

**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.

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