

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision: 5/19/2026 **Feldspar, Albit DIN 4867, Albite KSL 372** Product code: KSL0030 Page 1 of 7

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

### 1.1. Product identifier

Feldspar, Albit DIN 4867, Albite KSL 372

#### Further trade names

Potassium feldspar, albite in accordance with DIN SPEC 4867, albite KSL 372

CAS No: 68476-25-5

EC No: 270-666-7

### 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 substance 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

Depending on how it is processed and used, airborne, respirable crystalline silica may be generated prolonged inhalation of this can cause silicosis, a form of pneumoconiosis. Appropriate protective and monitoring measures should be in place in the event of exposure to respirable crystalline silica. Care should be taken during handling to minimise dust formation as far as possible.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Molecular weight: 278,33 g/mol

#### Relevant ingredients

CAS No	Chemical name	Quantity
	EC No      Index No      REACH No	
	Classification (Regulation (EC) No 1272/2008)	
68476-25-5	Potassium feldspar	>97%
	270-666-7	

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

#### Further Information

This product contains less than 1% respirable quartz.

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **After inhalation**

Inhalation should generally be avoided. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor.

#### **After contact with skin**

Wash off with soap and water.

#### **After contact with eyes**

If necessary, remove the contact lens and rinse the eye under running water with the eyelid open to remove all particles. If possible, use isotonic eye solution (0.9% NaCl). Do not rub the eye dry, as additional corneal damage is possible due to the mechanical stress.

#### **After ingestion**

No special measures are necessary. If symptoms persist, it is advisable to consult a doctor.

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

See section 11

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

No special measures are necessary.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

No special extinguishing agent is required.

#### **Unsuitable extinguishing media**

none

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

none , Non-flammable. No hazardous thermal decomposition.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

If dust is generated, wear respiratory protection with an FFP2 particulate filter.

#### **Additional information**

No measures are required as the substance is not flammable.

## 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 Section 7. Ensure adequate ventilation and prevent dust from forming.

#### **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. Clean contaminated articles and floor according to the environmental legislation.

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

#### **For containment**

Avoid generating dust.

#### **For cleaning up**

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Pick up or vacuum up the substance mechanically and collect for disposal in the containers provided for this purpose in accordance with local regulations.

**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 generating dust. Areas where dust is generated must be equipped with suitable ventilation systems. In case of inadequate ventilation wear respiratory protection. Handle the packaging with care to avoid damage. Further information can be found in the guide to good practice on protecting workers' health through good handling and use of crystalline silica and products containing it (see section 16).

**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, smoke, sniff. Wash hands after use/contact. Wear a dust mask and safety goggles in dusty atmospheres. Avoid contact with skin, eyes and clothes. Wash contaminated clothing prior to re-use.

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

Store containers in a dry place. Keep container tightly closed. Store packaged products in such a way that the packaging is not damaged.

**Hints on joint storage**

none

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

Use appropriately and sparingly with suitable test equipment depending on the intended use. No additional information is available for the specific end uses (see section 1.2).

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

Exposure can be controlled by enclosing equipment and ensuring good ventilation at workstations. Keep people away from dusty areas. In case of inadequate ventilation wear respiratory protection. Maintain good hygiene standards (section 7.1.2).

**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**

Hand protection is not required.

**Skin protection**

Not required.

**Respiratory protection**

If dust is generated, wear respiratory protection with an FFP2 particulate filter. (EN 149)

**Environmental exposure controls**

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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:	whitish , greyish
Odour:	odourless
Melting point/freezing point:	1.200 - 1.300° C °C
Boiling point or initial boiling point and boiling range:	not determined
Flammability:	Non-flammable.
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not applicable
Decomposition temperature:	not applicable
pH-Value:	9
Viscosity / kinematic:	not applicable
Water solubility:	negligible
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not applicable
Vapour pressure:	not applicable
Vapour pressure:	not applicable
Density (at 20 °C):	2,6 g/cm <sup>3</sup>
Relative vapour density:	not applicable
Particle characteristics:	X50 value: < 100µm

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

The product is not: Explosive. No further relevant information available.

##### Oxidizing properties

The product is not: oxidising.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No hazard under normal storage conditions. 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

No information available.

### 10.6. Hazardous decomposition products

No decomposition if stored and used as intended.

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## 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.

#### **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.

#### **Information on likely routes of exposure**

Irritation of the eyes or respiratory tract due to foreign bodies is possible.

#### **Practical experience**

Prolonged and/or intense exposure to dust containing respirable crystalline silica can cause silicosis. This disease is a nodular pulmonary fibrosis caused by inhalation and deposition of mineral dust.

### 11.2. Information on other hazards

#### **Endocrine disrupting properties**

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

#### **Other information**

The substance 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.

### 12.2. Persistence and degradability

No issues with biodegradability.

### 12.3. Bioaccumulative potential

Not bioaccumulative.

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

### 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 information available.

#### **Further information**

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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.

#### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

## 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)

#### Additional information

TRGS 500 , TRGS 559 , TRGS 900 , TRGS 906 , Technische Anleitung zur Reinhaltung der Luft (TA-Luft) , Regulation on occupational health care (ArbMedVV) , BG principles for occupational health check-ups

#### National regulatory information

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

## **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.

### **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.