

# SAFETY DATA SHEET

**Product**

**FELDSPAR**

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Version : 1

Date : 04/07/2005

## 1 IDENTIFICATION OF THE CHEMICAL PRODUCT AND OF THE COMPANY

PRODUCT NAME : FELDSPAR  
STD-EX-SW-UW - PRE.600  
PRE.700 - P.PQ - P-FQ - P.SQ - FLT.FQ  
SAB450 - SAB345 - SAB505 - SAB376  
SAB425 - SAB300  
EX-GQ - EX10 - EX15  
Name : KALTUN MINING COMPANY  
Address : Aydin - Mugla Kara Yolu Kenari Cine  
AYDIN  
TURKEY  
Telephone number : +90 256 729 16 00  
Telefax number : +90 256 729 16 15  
EMERGENCY TELEPHONE NUMBER : ORFILA (France) : +33 3 45 42 59 59  
Recommended use : Ceramic, Glass, Porcelain, Paint and Coating Industry

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE :  
Common chemical name : Feldspar-group minerals  
Chemical formula : (Na,K,Ca) AlSi<sub>3</sub>O<sub>8</sub>  
CAS : 68476-25-5  
EINECS : 270-666-7  
Chemical nature : Felspar is a naturally occurring igneous, anhydrous and inorganic rock .  
It is a complex aluminium silicate, containing varying amounts of sodium, potassium and calcium.  
Felspar can contain crystalline silica up to 10 % (Quartz (SiO<sub>2</sub>)  
- CAS : 14808-60-7 - EINECS : 238-878-4)

## 3 HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS :  
Adverse human health effects : Crystalline silica is listed by IARC (International Agency for Research on Cancer) as "possible carcinogen"  
Prolonged exposure to dust containing respirable quartz may cause silicosis or pneumoconiosis  
Environmental effects : Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with  
Physical and chemical hazards :  
- Fire or explosion : No particular fire or explosion hazard  
Classification of the product : According to EC criteria, this product is not classified as a "hazardous substance"

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## 4 FIRST AID MEASURES

Inhalation :	Move the affected person away from the contaminated area and into the fresh air In the event of coughing and slight breathlessness: Call a doctor
Skin contact :	Remove all contaminated clothing and footwear Rinse with plenty of water In case of redness or irritation, call a doctor
Eye contact :	Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum) If irritation persists, consult an eye specialist
Ingestion :	Consult a doctor if necessary

## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media :	All extinguishing agents can be used
Specific hazards :	Not combustible
Protection of fire-fighters :	Self-contained breathing apparatus Complete protective clothing

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions :	Avoid contact with skin and eyes Do not breathe dust
Environmental precautions :	Do not allow product to spread into the environment
Methods for cleaning up :	
- Recovery :	Sweep up or vacuum up the product Collect up the product and place it in a spare container suitably labelled
- Cleaning/decontamination :	Wash contaminated area with large amounts of water
- Disposal :	Dispose of contaminated materials in accordance with current regulations

## 7 HANDLING AND STORAGE

### HANDLING

Technical measures :	Ventilation Dust extraction (suction)
Precautions :	Avoid the dispersion of dust Smoking is forbidden
Safe handling advice :	Maintain a suitable ventilation system. Do not handle in a confined space

### STORAGE

Technical measures :	Does not require any specific or particular technical measures
Storage conditions :	
- Recommended :	Store : - in a cool, dry area. - the container tightly closed

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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures :	Ensure good ventilation of the work station Extraction to remove dust at its source
Occupational exposure limits :	
- France :	Quartz : VME : 0.1 mg/m <sup>3</sup>
- Germany :	Quartz: MAK limit : 0.15 mg/m <sup>3</sup> .
Personal protective equipment :	
- Respiratory protection :	Suitable respiratory protective device with filter (P2 or P3)
- Hand protection :	Protective gloves The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374 Breakthrough time : refer to the recommendations of the supplier
- Eye protection :	Safety spectacles
Hygiene measures :	Do not drink, eat or smoke in the workplace Always wash your hands after handling the product

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Granular Powder
Colour :	white to light brown
Odour :	earthy
pH :	Not applicable
Specific temperatures :	
- Melting :	1100 - 1450 °C
Flammability characteristics :	
- Flash point :	Not applicable (non-flammable solid)
Relative density (water = 1) :	2.60 - 2.65
Solubility :	
- in water :	Practically insoluble

## 10 STABILITY AND REACTIVITY

Stability :	Stable at ambient temperature and under normal conditions of use
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## 11 TOXICOLOGICAL INFORMATION

Product as it is :	
No specific data. Not classified according to EC regulations	
Acute symptoms :	On inhalation : Irritation to throat and respiratory system Coughing, difficulty in breathing, suffocation On ingestion : Nausea Diarrhea

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Local effects :

Repeated or prolonged contact may cause slight irritation to the skin  
Dust may cause slight irritation to the ocular mucous membranes by mechanical effect

Specific effects :

- Carcinogenicity :

Crystalline silica is listed by IARC (International Agency for Research on Cancer) as "possible carcinogen"  
Prolonged exposure to dust containing respirable quartz may cause silicosis or pneumoconiosis

## 12 ECOLOGICAL INFORMATION

Product as is :

No data available  
Avoid discharge of the product as is into the environment

DEGRADABILITY:

Biodegradability :

No easy biodegradable

ECOTOXICITY :

Effects on the aquatic environment :

The product does not have any known adverse effects on the environment.

## 13 DISPOSAL CONSIDERATIONS

WASTE FROM PRODUCT :

Destruction/Disposal :

Dispose of in accordance with relevant local regulations

CONTAMINATED PACKAGING :

Destruction/disposal :

Recycle following cleaning or dispose of at an authorised site

NOTE :

The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal

## 14 TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS

:

RID/ADR/IMDG/IATA :

Not restricted

NOTE :

The above regulatory prescriptions are those valid on the date of publication of this sheet.  
Given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency

## 15 REGULATORY INFORMATION

EC LABELLING :

- Symbols and indications of danger :

No symbol

- R phrases :

No R phrase

- S phrases :

No S phrase

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## FURTHER REGULATIONS :

National prescriptions :

France :

NOTE :

Maladies professionnelles (tableau(x) n° 25, 25 bis) : concerné  
The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the SDS  
The cited basic community texts are being updated and transcribed in national law  
Refer to all applicable international, national and local regulations or provisions  
The user's attention is drawn to the possible existence of additional provisions which complete these regulations

## 16 OTHER INFORMATION

Restrictions on use :

This product must not be used for other applications than mentioned in §1

Bibliographic references :

ECB (European Chemical Bureau)  
IUCLID (International Uniform Chemical information Database)

Safety data sheet established by :

TELEGIS SARL, 6 rue des Boucheries F-60400 NOYON

This sheet completes the technical sheets but it does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith.

The

attention of the user is drawn to the risks possibly incurred by using the product for any other purpose than that for which it was intended.

This does not in any way excuse the user from knowing

and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product.

The mandatory regulations mentioned are

only intended to help the user to fulfil his obligations regarding the use of hazardous products.

This listing must not be considered exhaustive. It does not exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

End of document.

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