

SECTION 1 / IDENTIFICATION OF THE SUBSTANCE / MIXTURE
TRADUCTOR

1.1	Product ID	
	Trade name	POTASSIUM FELDSPAR SPECIAL
	Nombre químico	
1.2	Uses of the substance	
	Principal Use	Raw material for glass industry - Insulation and refractory manufacturing
	Other uses	
1.3	Details of the supplier of the safety data sheet	
	Piedra Grande Lab (S.A.M.I.C.A y F.)	
	Email	ventas@piedra-grande.com
	Manufacturer	Piedra Grande S.A.M.I.C.A y F.
	Address	Balcarce 880 5th Floor, Capital Federal CP (1064) – Buenos Aires – Argentina
	Telephone	5411- 4362-7004
	Emergency Telephone #	5411- 4362-7004

SECTION 2 / HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture
Product contains crystalline silica	
2.2	GHS Label



2.3	Other Hazards
Contains crystalline silica. Avoid high concentrations to particles < 10 microns	

SECTION 3 / COMPOSITION – INFORMATION OF INGREDIENTS

3.1 Product Definition

Solid solution of Orthoclase (fK) and Albite (fNa) with silica intergrowths

3.2 Composition

Name of substance	CAS #	%
Titanium dioxide	13463-67-7	0,01
Silicon dioxide	14808-60-7	68,0

SECTION 4 / FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	Rinse with plenty of water without rubbing the eyes for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation	Remove the victim from the area with high dust content. Move him/her to an environment where he/she can breathe fresh air. If symptoms persists, seek medical attention.
Skin contact	Rinse with plenty of water for 15 minutes; if irritation persists seek medical attention.

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

No acute or chronic effects are to be expected under usual and normal conditions of use.

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

In case of contact with the eyes, ophthalmologic medical consultation should be considered.
In case of exposure to very dusty environments without the use of respiratory protection, seek medical advice for exposure.
Ingestion may cause gastrointestinal irritation, nausea, and diarrhea.

SECTION 5 / FIREFIGHTING MEASURES

Product is not flammable.

SECTION 6 / ACCIDENTAL SPILLAGE MEASURES

6.1 Spill response actions.

Clean and collect the material. Avoid or minimize raising dust during the procedure.

Moistening the spilled material can help to reduce the dust in suspension.

It should be considered that the product becomes slippery when wet.

6.2 Personal precautions, protective equipment, and emergency procedures

In the event of a spill contingency, emergency response personnel should wear respiratory protection, gloves, and eye protection. All this personal protective equipment is NIOSH / MHSA / OSHA approved.



SECTION 7 / HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle material packages with caution against falling or broken containers to avoid dispersion of the material and generation of suspended particulate matter.

Avoid exposure of the material to water or humidity during storage.

Consider recycling the containers once they are empty.

Avoid drinking, eating, or smoking in storage areas or during handling.

All personnel handling the material in closed containers must use mechanical risk PPE such as safety shoes and gloves.

SECTION 8 / EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters (As particulate matter)

MAXIMUM CONCENTRATIONS ARGENTINE LAW	RESPIRABLE DUST	TOTAL DUST
CMP-CPT	(mg/m ³)	(mg/m ³)
Law 19587 Res. 295/2003 (Argentina)	2	10

MAXIMUM CONCENTRATIONS. INTERNATIONAL LAWS	RESPIRABLE DUST	TOTAL DUST
TWA-TLV	(mg/m ³)	(mg/m ³)
NIOSH TWA	5	10
ACGIH TLV	2	-

8.2 Exposure Controls

During operations with exposure to particulate matter, it is recommended to monitor (according to local programs or regulations) total and respirable particulate matter.

8.3 Protective equipment for handling



SECCIÓN 9 / CHEMICAL & PHYSICAL PROPERTIES

9.1 Chemical & Physical Properties Information

Parameter	Value	Units / observations
Physical state	Solid	N/A
Color	Grayish white or light brown	N/A
Odor	Does not have	N/A
Freezing Point	N/A	N/A
Fusion Point	1200 / 1220	°C
Inflammability	Not flammable	N/A
Explosive Limits	N/A	N/A
pH	Alcaline (8)	upH
Solubility	Not soluble	N/A
Specific weight	2,6	g/cm ³

SECTION 10 / STABILITY AND REACTIVITY

10.1 Chemical Stability

Product is stable.

10.2 Reactivity

Non-reactive

10.3 Hazardous products by decomposition

None

10.4 Non compatible Materials

Do not store together with oxidizing products.

SECTION 11 / TOXICOLOGY INFORMATION

11.1 Information and type of hazards

May cause skin and eye irritation and respiratory mucous membrane irritation.
Ingestion may cause gastrointestinal irritation, nausea, and diarrhea.

11.2 Other risks information

No other known hazards

SECCIÓN 12 / INFORMACION ECOLOGICA

12.1 Information and type of hazards

No known effects on the environment

SECTION 13 / DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods.

The material does not require special treatment as it is not considered hazardous.

SECTION 14 / TRANSPORT INFORMATION

14.1 Transportation identification

As it is not classified as a hazardous substance, it does not require special procedures for transportation.
Material not restricted for IATA

SECTION 15 / REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific to the substance or mixture

See information in section 8.

SECTION 16 / OTHER INFORMATION

16.1 Referencias y Glosario

ACGIH: American Governmental Conference of Industrial Hygienists (EEUU).
NIOSH: National Institute of Occupational Health and Safety (EEUU).
OSHA: Occupational Health & Safety Management (EEUU).
MSHA: Mining Occupational Health and Safety Management (EEUU).
PEL: Permissible exposure value.
TLV: Threshold value
TWA: Time weighted average.
CMP-CPT: Maximum concentration allowed for short periods of time.
TLV-TWA: Time weighted tolerable limit value
IATA: International Air Transport Association

16.2 Contents

The information contained in this safety data sheet is based on our experience and knowledge, is authentic and reliable, and is intended to describe the product in consideration of industrial hygiene and safety requirements.

16.3 Format and scope.

The development of this SDS is based on COMMISSION REGULATION (EU) 2020/878 of June 18, 2020, amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).