

**1. Identification**

Product identifier:

**DUNITA PREMIUM**

Trade names:

DUNITE PREMIUM – PREMIUM DUNIT@- PASEKTAP PREMIUM –  
FLUXDUN – BLASTDUN – PASEK SLAGDOOR – FOUNDRYDUN-  
GREENDUN – CERADUN – DUNITA CALCINADA – PASEKTAP  
CALCINADO - PASEKREFRA

Chemical name or synonym:

Calcined Magnesium Silicate

Recommended use

Industrial use only

Recommended restrictions

None known

Manufacturer:

Pasek Minerales, S.A.U.

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Spain

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pm@pasekminerales.es

Web

www.pasek.es

Emergency phone number

1-800-424-9300 (Chemtrec 24 hour emergency)

**2. Hazard(s) Identification**

Physical hazards

Not classified

Health hazards

Not classified

Environmental hazards

Not classified

OSHA defined hazards

Not classified

Label elements

- Hazard symbol None
- Signal work None
- Hazard statement The substance does not meet the criteria for classification

Precautionary statement

- Prevention Observe good industrial hygiene practices.
- Response Wash hands after handling
- Storage Store away from incompatible materials
- Disposal Dispose of waste and residues in accordance with local authority requirements

Hazard(s) not otherwise classified None known  
(HNOC)  
Supplemental information None

### 3. Composition / Information on Ingredients

#### Substances

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200

Chemical name	Chemical Formula	CAS-No	Concentration
Calcined Magnesium silicate	$(\text{Mg,Fe})_2\text{SiO}_4$	1244003-26-6	90-100%

### 4. First-Aid Measures

<b>Eye contact:</b>	Do not rub eyes. Rinse eyes with plenty of clean water. If symptoms persist, seek medical attention.
<b>Ingestion:</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact:</b>	Wash off with soap and water. Get medical attention if irritation occurs.
<b>Most important symptoms/effects, acute and delayed</b>	Dusts may irritate the respiratory tract, skin and eyes.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precaution to protect themselves.

### 5. Fire-Fighting Measures

**Suitable extinguishing media:** Not applicable. Use media appropriate for surrounding fire.

**Unsuitable extinguishing media:** Not available.

**Specific hazards arising from the chemical:** Not applicable.

**Special protective equipment and precautions for fire-fighters:** Not available.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

- Keep unnecessary personnel away.
- Wear appropriate protective equipment and clothing during clean-up.
- Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.
- For personal protective see section 8 of these SDS.

**Methods and materials for containment and cleaning up**

Stop the flow of material, if this is without risk. Collect dust using a vacuum cleaner equipped with HEPA filter. Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Avoid the generation of dusts during clean-up. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**7. Handling and Storage****Precaution for safe handling**

- Handle in accordance with good industrial hygiene and safety practice.
- Wear appropriate personal protective equipments.
- Minimize dust generation and accumulation.
- Provide appropriate exhaust ventilation at places where dust is formed.
- Practice good housekeeping.

**Conditions for safe storage, including any incompatibilities**

- Store in dry conditions and ventilated area.
- Keep containers tightly closed to avoid accidental breakages.
- Store away from incompatible materials. Section 10 of the SDS.

**8. Exposure Controls/ Personal Protection**

**Occupational exposure limits:** No exposure limits noted for ingredient(s)

**Biological limit value:** No biological exposure limits noted for the ingredient(s)

**Appropriate engineering controls:** If material is ground, cut or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits.

**Individual protection measures, such a personal protective equipment**

- Eye/face protection: Wear safety glasses with side-shields
- Skin protection: No special protective equipment required.
- Hand protection: Wear appropriate chemical resistant gloves.  
Hands washing at the end of working time.
- Respiratory protection: In case of insufficient ventilation, use a NIOSH/MSHA approved respirator.
- Body protection: No special protective equipment required.
- Thermal hazards: Wear appropriate thermal protective clothing, when necessary.



**General hygiene considerations:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Solid, granular material	<b>Flash point</b>	Not applicable
<b>Color</b>	Brownish	<b>Bulk Density</b>	1,44 – 1,53 g/cm <sup>3</sup>
<b>Odor</b>	Not available.	<b>Solubility (Water)</b>	Not available
<b>Odor threshold</b>	Not available	<b>Partition coefficient</b>	Not available
<b>pH</b>	7-8 (5% of fines in distilled water)	<b>Auto-ignition temperature</b>	Not available
<b>Melting Point</b>	1450 °C	<b>Decomposition temperature</b>	Not available
<b>Boiling Point</b>	Not applicable	<b>Explosive Properties</b>	Not applicable
<b>Viscosity</b>	Not available		

## 10. Stability and Reactivity

**Reactivity:** The substance is stable and non-reactive under normal conditions of storage, use and transport.

**Chemical stability:** The product is chemically stable under normal conditions of normal use.

**Possibility of hazardous reactions:** No hazardous reactions known under normal conditions.

**Conditions to avoid:** Avoid dust formation. Contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents. Incompatibility is based strictly upon potential theoretical reactions between chemicals and may not be specific to industrial application exposure. .

**Hazardous decomposition products:** None known.

## 11. Toxicological Information

### Information on likely routes of exposure

<b>Inhalation:</b>	Dust may irritate respiratory system.
<b>Skin contact:</b>	Dust or powder may irritate the skin.
<b>Eye contact:</b>	Dust may irritate the eyes.
<b>Ingestion:</b>	Expected to be a low ingestion hazards.
<b>Symptoms related to the physical, chemical and toxicological characteristics:</b>	Dust may irritate the respiratory tract, skin and eyes.

### Information on toxicological effects

<b>Acute toxicity</b>	Not available
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.
<b>Serious eye damage/irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	Not a respiratory or skin sensitizer.
<b>Germ cell mutagenicity</b>	Not data available
<b>Carcinogenicity:</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
<b>Toxicity for reproduction:</b>	This product is considered to be non-toxic to the reproduction system.
<b>Specific systemic toxicity of target organs – single exposure</b>	Not classified
<b>Specific systemic toxicity of target organs – repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not an aspiration hazard..

## 12. Ecological Information

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

**Mobility in soil**

No data available.

**Other adverse effects**

No other adverse environmental effects are expected from this component.

**13. Disposal Considerations****Disposal instructions**

This product is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

**Hazardous waste code**

Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

**Waste from residues/ unused products**

Not available.

**Contaminated packaging**

Not available.

**14. Transport Information**

- DOT Not regulated as dangerous goods.
- ADR: Not subject to classification.
- IMDG: Not subject to classification.
- ICAO/ IATA: Not subject to classification.
- RID: Not subject to classification.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Non hazardous material

**15. Regulatory Information****US federal regulations**

- One or more components are not listed on TSCA.
- This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard
- Communication Standard, 29 CFR 1910.1200. All chemical substances in this product are listed on the TSCA chemical substance inventory where required.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.

**SARA 304 Emergency release notification:** Not regulated.

**U.S OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA):**

<b>Hazard categories</b>	Immediate Hazard - No
	Delayed Hazard - No
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - No

**SARA 302 Extremely Hazardous chemical** No listed.

**SARA 311/312 Hazardous** No chemical

**SARA 313 (TRI reporting)** Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated

**Safe Drinking Water Act (SDWA)**

Not regulated

**U.S. state regulations**

**US. California controlled substances CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Act**

Not listed.

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NSDL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxics Substances Control Act (TSCA) Inventory	No

\*A "yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "no" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other Information**

The information given in this sheet is based on the current state of the art about the product on the indicated date of revision. The data collected in the same form are only a guide for safe handling, use, storage, transport and disposal, and should not be considered warranty or quality specification.

It is the responsibility of the end user to ensure that the product is suitable for the particular purpose for which it is intended and that their operation is performed according to both the local and national legislation applicable.

This document is applicable to the substance alone. When the substance is mixed with other products, the information in the Safety Data Sheet does not apply.