

MATERIAL SAFETY DATA SHEET

DATE REVISED: April 16, 2020

VERSION: 03

SECTION I – IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER**1.1 Name of the chemical: BLENDERGROUT®****1.2 Recommended uses of the Chemical and restrictions on use:**Recommended uses: GROUT CONCRETE.**1.3 Manufacturer's data:** Blender Group, S.A. DE C.V., Monjaraz 132 int. 1-A, Col. Santa María del Granjeno, CP.37550, León Guanajuato.**1.4 Phone number in case of emergency:**Telephone: +52(477) 771.01.01; 01800-727.03.23 Monday to Friday from 8:00 a.m. to 6:00 p.m.
SETIQ/ANIQ: 01800-002.14.00 Attention 24 hours a day, 365 days a year.**SECTION II - HAZARDS IDENTIFICATION****2.1 Classification of the chemical:**Classification according to the globally harmonized system:

Harmful if swallowed - Category 4

Causes eye irritation - Category 2A

Aquatic Environment Hazard - Category 3

2.2 Elements of signage:

Symbol:



Signal word: ATTENTION.

Hazard statements:

H302 - Harmful if swallowed.

H319 - Causes serious eye irritation.

H402 - Harmful to aquatic organisms.

Precautionary advice:

P270 - Do not eat, drink or smoke while handling this product.

P271 - Use in a well ventilated place.

P273 - Do not disperse in the environment.

P342 + P311 - In case of respiratory symptoms: Call a poison control center or doctor.

P305 + P351 + P338 - In case of contact with the eyes: Rinse carefully with water for several minutes. Remove contact lenses when present to make washing easier.

P501 - Dispose of Container / Content: Recycle or incinerate waste in EPA-approved facilities or dispose of in accordance with federal, state and local regulations.

SECTION III - PRODUCT COMPOSITION

Chemical name	No. CAS	Weight %
Portland cement - total powder	65997-15-1	60.0 - 90.0
Portland cement- breathable powder	65997-15-1	5.0 - 10.0
Quartz Silica	14808-60-7	10.0 - 30.0

The ingredients not listed are not "dangerous" according to OSHA 29CFR1910.1200 and are considered a trade secret of Blender Group SA. Of CV.

SECTION IV - FIRST AID MEASURES

4.1 First aid:

Inhalation: Take outdoors. If cough, irritation, shortness of breath, or other respiratory symptoms persist or develop, consult a physician. Note to physician: injury to the mucosa after ingestion of this material may contraindicate the induction of vomiting in the treatment of possible ingestion.

Skin: Rinse freely with to avoid skin abrasion. Do not rub until the skin is free of the material; then wash with plenty of soap and water. If the redness persists, seek medical attention. Remove and wash clothing and footwear before reuse.

Ingestion: Give one to two glasses of water to drink and consult medical personnel.

Eye contact: Do not rub your eyes. Rinse immediately with plenty of water for at least 15 minutes and see a doctor immediately.

OSHA CARCINOGENICITY: No information.

4.2 Most important symptoms and effects:

Possible exposure effects (listed by main entry routes)

INHALATION: The product contains cement and quartz silica. Repeated inhalation of excess silica over prolonged periods can cause silicosis.

SKIN: Dryness, itching, rashes and burns can develop after contact with the skin. Skin abrasions can occur if the material is rubbed against the skin. Dermatitis and skin sensitization can develop after repeated or prolonged contact.

INGESTION: There are no known toxic effects associated with ingestion of this material.

EYE CONTACT: This material can irritate and burn the eyes by direct contact. Aggregate particles can cause corneal abrasions.

SECTION V - FIRE FIGHTING MEASURES

5.1 Recommended extinguishing agents: Fog

Flash point: Non-flammable

Method: N.A.

Flammability limits in% volume: LIE: N.A. ;

LSE: N.A.

5.2 Explosion and Fire Hazards: No special precautions are required. No special fire protection measures are required. The product does not burn or spread the flame.

SECTION VI – ACCIDENTAL RELEASE MEASURES

There are no risks. Sweep up and maintain normal cleaning procedures. If necessary, place spill residues with a shovel in waste containers. Avoid generating dust.

SECTION VII – HANDLING AND STORAGE

Minimize broken bags and spilled materials by employing good handling procedures. Store in a cool, dry place. Avoid contact with acids and oxidants.

OTHER PRECAUTIONS: Minimize the generation of dust. Avoid contact with eyes and skin. Avoid breathing dust.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Exposure limits

Chemical name	CAS No.	Regulation	Limit
Portland cement- total powder	65997-15-1	OSHA PEL: ACGIH TLV-TWA: MSHA:	15 mg / m ³ 10 mg / m ³ 10 mg / m ³
Portland cement-	65997-15-1	OSHA PEL: ACGIH TLV-TWA: MSHA:	5mg / m ³ NotApplicable NotApplicable
Quartz Silica	14808-60-7	OSHA PEL: ACGIH TLV-TWA: MSHA:	10 mg / m ³ 0.05mg/m ³ 10 mg / m ³

8.2 Protection measure:

RESPIRATORY PROTECTION: NIOSH approved particle mask.

VENTILATION

LOCAL EXHAUST: Use whenever possible to minimize exposure.

PROTECTIVE GLOVES: Recommended

EYE PROTECTION: Safety glasses

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	Gray powder
Odor:	None
pH:	Not available
Vapor pressure:	Not available
Vapor density (air = 1.0):	Not available
Melting Point:	Above 1000 ° F
Freezing point:	Not available
Boiling point:	Not available
Solubility in water:	Little
Specific gravity:	2.65
V.O.C. (%):	0%

SECTION X – REACTIVITY / STABILITY

10.1 Stability: Stable under normal conditions. Keep dry until use.

10.2 Risk of hazardous polymerization: No

10.3 Incompatibility: Avoid mixing with strong inorganic acids.

10.4 Thermal decomposition products: Does not decompose if stored under normal conditions.

SECTION XI– TOXICOLOGICAL INFORMATION

No information available.

SECTION XII – ECOTOXICOLOGICAL INFORMATION

No information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

There are no risks. Reuse powder if it is not contaminated. The discarded product is non-hazardous waste according to RCRA (40 CFR, Part 261). Dispose of as non-hazardous waste in accordance with local regulations.

SECTION XIV – TRANSPORTATION / SHIPPING DATA

CFR / DOT: Not applicable, not regulated as a dangerous substance

TDG: Does not apply, is not regulated as a dangerous substance

IMDG: Does not apply, is not regulated as a dangerous substance

SECTION XV – REGULATORY INFORMATION

National Regulation:

No information.

Other regulations:

No information.

SECTION XVI – OTHER INFORMATION

Hazardous Material Information System: HMIS (Hazardous Material Information System)

Health risk	1
Inflammability	0
Reactivity	0
PPE	

0 = Minimum

1 = Lightweight

2 = Moderate

3 = Serious

4 = Severe

More information:

Only for industrial use. Keep out of the reach of children. The information on the hazards in this document is offered only for examination by the user, without prejudice to its own investigation into compliance with applicable regulations, including the safe use of the product under all foreseeable conditions.

Legend:

ACGIH - American Conference of Hygienists

CERCLA - Integral Environmental Response, Compensation and Civil Liability

DOT - Department of Transportation

DSL - National List of Substances

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mines Health and Safety Administration

NDSL - List of Non-Domestic Substances

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

PEL - Permissible exposure limit

RCRA - Law of Conservation and Recovery of Resources

RTK - Right to Know

SARA - Amendments and Reauthorizations

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Law of Control of Toxic Substances

TWA - Average Weighted Time

V - Volume

VOC - Volatile Organic Compounds

WHMIS - Workplace Hazardous Materials Information System
OSHA - Occupational Health and Safety Administration