



MSDS

In compliance with NBR 14725

1) PRODUCT AND COMPANY IDENTIFICATION

Commercial name: MOSHE 3000 CONCRETE

product usage: Powder waterproofing additive for use in cement-based mixtures, especially concrete and mortar.

Company name: MOSHE 3000 MATERIAIS DE CONSTRUÇÃO LTDA

Address: Rua Zélia, 454 Bairro Assunção São Bernardo do Campo / SP - Brazil

Contact phone: +55 11 97673 1458

E-mail: comercial@moshe3000.com

2) HAZARD IDENTIFICATION

GHS rating

Not a hazardous substance or mixture

GHS labeling elements

Not a hazardous substance or mixture

Other hazards that do not result in classification

Not known.

3) COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical name	CAS number	Concentration (%)
Quartz	14808-60-7	≥ 70 - < 90
Zinc Octadecanoate	557-05-1	≥ 1 - < 5
Calcium carbonate	471-34-1	≥ 1 - < 5

4) FIRST AID

General indications:

No risks requiring special first aid measures.

If inhaled:

Move outdoors.

In case of skin contact:

Immediately remove contaminated clothing and shoes.

In case of eye contact:	Wash with soap and plenty of water. Flush eyes with water as a precaution. Remove contact lenses. Keep eyes wide open while rinsing.
If ingested:	Rinse mouth with water and drink plenty of water afterwards. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed:	It has no significant effects or risks. See Section 11 for more detailed information on health effects and symptoms.
Note to physician:	Treat according to symptoms.

5) MEDIDAS DE COMBATE A INCÊNDIOS

Suitable extinguishing media:	Adapt firefighting measures to local conditions and the surrounding environment.
Hazardous Combustion Products:	Hazardous combustion products are unknown.
Specific extinguishing methods:	Standard procedure for chemical fires.
Special equipment for the protection of people involved in firefighting:	Use self-contained breathing apparatus in case of fire.

6) SPILL OR LEAK CONTROL MEASURES

Personal precautions, protective and protective equipment, and emergency procedures:	Avoid breathing dust.
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Special environmental precautions: No environmental protection measures are required.

Methods and materials for containment and cleaning: Keep in suitable closed containers.

7) HANDLING AND STORAGE

Prevention advice: Avoid dust formation. Provide adequate ventilation in places where dust forms.

Recommendations for safe handling: For personal protection, see item 8. No special handling advice is required. Follow standard hygiene measures when handling chemicals.

Hygiene measures: Do not eat or drink during use.
Do not smoke during use.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place.
Store in accordance with local regulations.

Materials to avoid: No incompatible products to be specially mentioned.

8) EXPOSURE CONTROL AND PERSONAL PROTECTION

Components with parameters to be controlled at the workplace

Components	CAS number	Value type (Form of exposure)	Control parameters / Permissible concentration	Base
Quartz	14808-60-7	TWA (breathable fraction)	0.025 mg/m ³ (Silica)	ACGIH
Zinc Octadecanoate	557-05-1	TLV-TWA	10 mg/m ³	ACGIH

Personal Protective Equipment (PPE)

Breath protection:	Use respiratory protection unless adequate local exhaust ventilation is available, or exposure assessment demonstrates that exposure is within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected concentration of contaminant (gas/vapor/aerosol/particles) that may arise during product handling. If this concentration is exceeded, a portable breathing apparatus must be used.
Hand protection:	Impervious, chemical-resistant gloves meeting an approved standard should be always worn when handling chemicals if the risk assessment indicates this is necessary.
Eye protection:	Safety glasses meeting an approved standard must be worn when a risk assessment indicates this is necessary.
Body and skin protection	Choose body protection in relation to the type, concentration and amount of the dangerous substance and the specific workplace.

9) PHYSICAL AND CHEMICAL PROPERTIES

Aspect:	Solid powder
Color:	Grey
Odor:	Characteristic
Odor limit:	Data not available.
pH:	Data not available.
Melting Point/Freezing Point:	Data not available.
Initial boiling point and boiling temperature range:	Data not available.
Flash point:	Not applicable.
Evaporation rate:	Data not available.
Flammability (solid, gas):	Data not available.
Upper explosive limit:	Data not available.
Lower explosive limit:	Data not available.

Steam pressure:	Data not available.
Relative vapor density:	Data not available.
Density:	0,93g/cm ³
Solubility in water:	Data not available.
Solubility in other solvents:	Data not available.
Participation coefficient (n-octanol/water):	Data not available.
Autoignition temperature:	Data not available.
Decomposition temperature:	Data not available.
Viscosity:	Data not available.
Molecular weight:	Data not available.
Concentration of volatile organic compounds (VOC):	Data not available.

10) STABILITY AND REACTIVITY

Reactivity:	No dangerous reactions if used normally.
Chemical stability:	The product is chemically stable.
Possibility of hazardous reactions:	No risks to mention.
Conditions to avoid:	Data not available.
Incompatible materials:	Data not available.
Hazardous decomposition products:	Does not decompose if stored and used as directed.

11) TOXICOLOGICAL INFORMATION

Acute toxicity:	Data not available.
Skin corrosion/irritation:	Not classified based on available information.
Serious eye damage/eye irritation:	Not classified based on available information.
Respiratory or skin sensitization:	Not classified based on available information.
Respiratory sensitization:	Not classified based on available information.
Germ cell mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.
Reproductive toxicity:	Not classified based on available information.
Specific target organ toxicity - single exposure:	Not classified based on available information.



Specific target organ toxicity - repeated exposure: Not classified based on available information.

Aspiration hazard: Not classified based on available information.

12) ECOLOGICAL INFORMATION

Ecotoxicity: Data not available.

Persistence and degradability: Data not available.

Bioaccumulative potential: Data not available.

Mobility on the ground: Data not available.

Other adverse effects

Product:

Additional ecological information: There is no data for this product.

13) FINAL DESTINATION CONSIDERATIONS

Disposal methods	Empty containers must be taken to an approved solid waste handling site for recycling or disposal.
Contaminated packaging:	

14) TRANSPORT INFORMATION

International Regulation IATA-DGR Non-dangerous goods.

Code-IMDG. Non-dangerous goods.

Mass transport in accordance with Annex II of MARPOL 73/78 and the IBC Code

Not applicable to product as supplied.

National Regulation ANTT 420. Non-dangerous goods.

Transport Limitations: Maximum stacking of 3 x 20 kg buckets or 5 x 4 kg buckets.

15) REGULATORY INFORMATION

Federal Decree No. 2.657, of November 3, 1988.

ANTT Resolution No. 420, of February 12, 2004

ABNT-NBR 14725:2009 Standard - part 2

Standard ABNT-NBR 14725: 2012-part 3

Standard ABNT-NBR 14725: 2012-part 4

Regulatory Norm NR-15 of Ordinance 3,214 of 06/08/78 of the Ministry of Labor.

Regulatory Standard NR-26 of SIT Ordinance No. 229, of May 24, 2011.

Federal Decree No. 10,088, of November 5, 2019;

16) OTHER INFORMATION

This MSDS was prepared based on current knowledge about the proper handling of the product and under normal conditions of use, according to the application specified on the packaging. Any other form of use of the product that involves its combination with other materials, in addition to forms of use other than those indicated, are the responsibility of the user. It is warned that the handling of any chemical substance requires prior knowledge of its dangers by the user. In the workplace, it is up to the company using the product to promote the training of its employees regarding the possible risks arising from exposure to the chemical product.

- Captions and abbreviations:
- ACGIH – American Council of Governmental Industrial Hygienists.
- OSHA - Occupational Safety and Health Administration.
- NIOSH - National Institute for Occupational Safety and Health.
- IDLH - Immediately Dangerous to Life or Health Concentration.
- N.A - Not Applicable.

References:

BRAZIL. MINISTRY OF LABOR AND EMPLOYMENT (MTE). Regulatory Norm (NR) n°7: Occupational health medical control program. Brasilia DF. Jun. 1978.

BRAZIL. MINISTRY OF LABOR AND EMPLOYMENT (MTE). Regulatory Norm (NR) n°15: Unhealthy activities and operations. Brasilia DF. Jun. 1978.

GHS - GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS. 8th rev. ed. New York: United Nations, 2019.

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIALS HYGIENISTS. TLVs® and BEIs®: Based on the Documentation of the Threshold Limit Values (TLVs®) for Chemical Substances and Physical Agents & Biological Exposure Indices (BEIs®). Cincinnati-USA, 2020.