

# MATERIAL SAFETY DATA SHEET (MSDS)

## GRANULITE

### SECTION 1 - PRODUCER & SUPPLIERS DETAILS

**Manufacturer & Supplier:** Microgil  
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**Web Site:** www.microgil.com  
**Trade name:** GRANULITE  
**Last update:** September 2015

### SECTION 2 - CHEMICAL NAME & INFORMATION ON INGREDIENTS

**Chemical Name:** Calcium Carbonate (Cas Number: 1317-65-3)  
**Formula:**  $\text{CaCO}_3$   
**Synonyms:** Limestone  
**% Range:** 98.9 - 100%  
**Trace elements:** Trace materials normally not exceeding 0.8 %

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

**Melting Point:** Above 900 °C  
**Relative Density:** (water = 1) Bulk: 1.45 gr/cm<sup>3</sup>  
**Solubility in water:** Negligible.  
**Appearance & Odour:** Granular, odourless.

## SECTION 4 - HAZARDS IDENTIFICATION

Physical/Chemical hazards:	Low
Environmental hazards:	Low
Human Health hazards:	Low

## SECTION 5 - FIRE & EXPLOSION DATA

Fire:	Non Combustible.
Flammability:	Non Flammable

In case of fire in immediate vicinity use any extinguishing agent

## SECTION 6 - STABILITY & REACTIVITY DATE

Stability:	Stable but decomposes at 600 degrees Celsius liberating CO <sub>2</sub>
Incompatibility (materials to avoid):	Reacts with strong acids to liberate CO <sub>2</sub>

## SECTION 7 - HEALTH HAZARDS

Inhalation:	May cause irritation to respiratory tract.
Eyes:	May cause irritation to eyes.
Carcinogenic:	Calcium Carbonate is not a carcinogen.
TLV (ACGIH):	10 mg/m <sup>3</sup> total dust.

## SECTION 8 - FIRST AID MEASURES

First Aid:	Wash dust from skin with soap and water. Rinse out eyes for at least 15 minutes - consult a physician if irritation continues.
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## SECTION 9 - PERSONAL PROTECTION & EXPOSURE CONTROLS

Respiratory protection:	Use approved dust filter respirator.
Ventilation:	Local exhaust recommended in order keeping dust below the exposure limits
Protective gloves:	recommended
Eye protection:	recommended

## SECTION 10 - ACCIDENTAL RELEASE MEASURES & SPILL LEAK PROCEDURES

**Personal precautions:** Wear suitable gloves and eye/face protection.  
**Environmental precautions:** Avoid dust.  
**Methods for cleaning up:** Sweep up and shovel into suitable containers for Disposal.  
After cleaning, rinse away traces with water.

## SECTION 11 - HANDLING AND STORAGE

**Handling & storing:** Good housekeeping - store in dry place - keep containers shut.

## SECTION 12 - ECOLOGICAL INFORMATION

**Toxicity effects:** As a natural mineral toxicity believed to be low.

## SECTION 13 - DISPOSAL CONSIDERATION

**Methods of disposal:** In accordance with local and national regulations

## SECTION 14 - TRANSPORT INFORMATION

**UN - No:** Not applicable  
**IMDG Class:** Not classified as dangerous in the meaning of transport regulations.

## SECTION 15 - REGULATORY INFORMATION

**Label name:**

K.G 001, K.G 003, K.G 0306, K.G 0614, K.G 1020, K.G 1223, K.G 2345, K.G-4.

## SECTION 16 - OTHER INFORMATION

**Date of Issue:** 27 September 2015  
**MSDS prepared by:** Microgil Ltd.  
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Israel