



SAFETY DATA SHEET
Marblemite

1. Identification

Product identifier

Product name Marblemite
CAS number 1317-65-3
Molecular Weight 100.1 g/mol

Details of the supplier of the safety data sheet

Supplier Imerys Carbonates USA, Inc.
 100 Mansell Court East, Ste 300
 Roswell Georgia 30076, USA
 +1 770 594-0660
 +1 770 645-3384

Manufacturer Imerys Carbonates USA, Inc.
 1301 Gene E. Stewart Blvd
 Sylacauga, AL 35151

Emergency telephone number

National emergency telephone number +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Not Classified

Health hazards STOT RE 1 - H372

Environmental hazards Not Classified

Human health

Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

Label elements

Pictogram



Signal word

Danger

Hazard statements

H372 Causes damage to organs through prolonged or repeated exposure.

Marblemite

Precautionary statements	<p>P260 Do not breathe dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P314 Get medical advice/ attention if you feel unwell.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
---------------------------------	--

Contains Quartz

3. Composition/information on ingredients

Substances

Ground Limestone (Calcium Carbonate)	>98%
CAS number: 1317-65-3	
Classification Not Classified	
Quartz	~1.5%
CAS number: 14808-60-7	
Classification STOT RE 1 - H372	
Water	<1%
CAS number: 7732-18-5	
Classification Not Classified	

The full text for all hazard statements is displayed in Section 16.

Product name Marblemite
CAS number 1317-65-3

4. First-aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person.
Skin Contact	Wash with plenty of soap and water.
Eye contact	Rinse cautiously with water for several minutes.

Most important symptoms and effects, both acute and delayed

General information The product is considered to be a low hazard under normal conditions of use.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is non-combustible.

Marblemite

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use proper respiratory and personal protective equipment. MSHA / NIOSH or OSHA / NIOSH approved respirator recommended. Spilled materials may cause slippery conditions when wet. Care should be exercised when walking on spills on floors or concrete pads.

Methods and material for containment and cleaning up

Methods for cleaning up Vacuum, pump or scoop spilled material into containers for reclaiming or disposal. Do not discharge into drains, watercourses or onto the ground.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid handling which leads to dust formation. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place. Store away from acids.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Ground Limestone (Calcium Carbonate)

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Quartz

Long-term exposure limit (8-hour TWA): OSHA 0.05 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction

A2

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A2 = Suspected Human Carcinogen.

Quartz (CAS: 14808-60-7)

Ingredient comments	Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.
----------------------------	---

Exposure controls

Appropriate engineering controls	Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Observe any occupational exposure limits for the product or ingredients.
---	--

Eye/face protection	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.
----------------------------	---

Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
------------------------	--

Hygiene measures	Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.
-------------------------	---

Marblemite

Respiratory protection Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

Immediate danger to life and health 25 mg/m³

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Powder
Color	White.
Odor	Odorless.
pH	8-9
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Solubility(ies)	Slightly soluble in water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	825°C/1517°F
Refractive index	1.6
Molecular weight	100.1

10. Stability and reactivity

Reactivity	Acids.
Stability	No particular stability concerns. Will decompose at temperatures exceeding 825°C.
Conditions to avoid	Acids. Avoid handling which leads to dust formation.
Materials to avoid	Acids.
Hazardous decomposition products	Carbon dioxide (CO ₂).

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Quartz: 6450 mg/kg (rat)

Skin corrosion/irritation

Skin corrosion/irritation Prolonged contact may cause dryness of the skin.

Carcinogenicity

IARC carcinogenicity IARC Group 1 Carcinogenic to humans.

NTP carcinogenicity Known human carcinogen.

Specific target organ toxicity - repeated exposure

Marblemite

STOT - repeated exposure Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational exposure sources can cause cancer in humans. Risk of injury is dependent on duration and level of exposure.

Target organs Lungs

12. Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

13. Disposal considerations

Waste treatment methods

Disposal methods Under RCRA (40 CFR 261) ground limestone is a non-hazardous waste. Dispose of waste materials in accordance with all local, state and federal requirements.

14. Transport information

General No special precautions.

Environmental hazards

Environmentally Hazardous Substance
No.

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
Not listed.

SARA 313 Emission Reporting
Not listed.

SARA (311/312) Hazard Categories
Immediate
Delayed

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product contains Crystalline Silica (quartz), which in its respirable form, is known to the state of California to cause cancer and/or birth defects and other reproductive harm.

Massachusetts "Right To Know" List
Present.

Rhode Island "Right To Know" List
Present.

Minnesota "Right To Know" List
Present.

New Jersey "Right To Know" List
Present.

Marblemite

Pennsylvania "Right To Know" List

Present.

Inventories

EU - EINECS/ELINCS

Yes

Canada - DSL/NDSL

Yes

US - TSCA

Yes

US - TSCA 12(b) Export Notification

No.

Australia - AICS

Yes

Japan - MITI

Yes

Korea - KECI

Yes

China - IECSC

Yes

Philippines - PICCS

Yes

New Zealand - NZIOC

Yes

Taiwan - NECI

Yes

16. Other information

Abbreviations and acronyms used in the safety data sheet

CFR: Code of Federal Regulation
IARC: International Agency for Research on Cancer
MSHA: Mine Safety and Health Administration
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
RCRA: Resource Conservation and Recovery Act
TWA: Time Weighted Average

Classification abbreviations and acronyms

STOT RE = Specific target organ toxicity-repeated exposure

Revision date

4/2/2018

SDS No.

22696

WHMIS

Ground limestone containing more than 0.1% of a carcinogenic substance (crystalline silica) is classified as carcinogenicity - Category 1A.

Marblemite

Hazard statements in full	H372 Causes damage to organs through prolonged or repeated exposure. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
ACA HMIS Health rating.	Slight Hazard. (1)
ACA HMIS Flammability rating.	Will not burn. (0)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	E

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.