LOGI COMPOSITES & CHEMICALS TRADING LLC
Saih Shuaib 4, Plot No: 533-297, P.O. Box 17134
Dubai Industrial Park, Dubai - United Arab Emirates
Telephone: +971 4 368 5675, Facsimile: +971 4 368 4293
Email: info@logi.ae, Website: www.logi.ae

TOGETHER FOR SUCCESS

لوجي كومبوزيتس & كيميكالز للتجارة ش.ذ.م.م.
شيخ شعيب ٤، رقم القطعة ٥٣٣-٢٩٧، ص.ب.: ١٧١٣٤
مجمّع دبي الصناعي ، دبي - الامارات العربية المتحدة
هاتف: ٥٦٧٥ ٣٦٨ ٤ ٩٧١+ ، فاكس: ٤٢٩٣ ٣٦٨ ٤ ٩٧١+
بريد إلكتروني: info@logi.ae، موقع إلكتروني: www.logi.ae

MATERIAL SAFETY DATA SHEET

Product Name:	**CALCIUM CARBONATE**
Product H.S. Code No:	**28365000**
Country of Origin:	**Sultanate of Oman**

1.Product Identification

Synonyms: Marble, Carbonic Acid Calcium Salt; Calcite; Aragonite; Limestone
CAS No. 471-34-1
Molecular Weight: 100.09
Chemical Formula: CaCO3
Product Code: RIMACAL-15 AND RIMACAL-20

2. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Calcium Carbonate	471-34-1	>99.0 %

3.Hazard Identification

Emergency Overview

CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT, NUISANCE DUST

Potential Health Effects

Inhalation: Excessive concentrations of a nuisance dust may cause nuisance condition such as coughing, sneezing, and nasal irritation.
Ingestion: Non-toxic
Skin Contact: Not expected to be health hazard from skin exposure
Eye Contact: To cause mechanical irritation
Chronic Exposure: Excessive oral doses of calcium carbonate may cause alkalosis and hypercalcemia

4.First Aid Measures

Inhalation: Remove the fresh air. Get medical attention for any breathing difficulty
Ingestion: If large amounts were swallowed, give water to drink and get medical advice
Skin Contact: Wash exposed area with soap and water. Get medical advice if irritation develops
Eye Contact: Wash thoroughly with running water. Get medical advice if irritation develops.

5.Fire Fighting Measures

Fire: Not considered to be a fire hazard
Explosion: Not considered to be an explosion hazard
Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire
Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6.Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8 Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping maybe used to avoid dust dispersal.

7. Handling and Storage

Store in a cool, dry, ventilated area. Protect against physical damage.
Containers of this material may be hazardous when empty since they retain product residues (dust. Solids): observe all warnings and precautions listed for the product.

8. Exposure Controls/personal Protection

Airborne Exposure Limits:
-OSHA Permissible Exposure Limit (PEL): 15 mg/m3 total dust, 5 mg/m3 respirable fraction for nuisance dusts.
-ACGIH Threshold Limit Value (TLV) : 10 m/m3 total dust containing no asbestos and < 1% crystalline silica for Particulates Not Otherwise Classified (PNOC)

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work are. **Personal Respirators (NIOSH Approved)**

If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for us to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece dust/mist respirator maybe worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known. Use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:
Gloves and lab coat, apron or coveralls.
Eye protection:
Use chemical safety googles

9. Physical and Chemical Properties

Appearance: White powder or crystalline
Odour: Odourless
Solubility: >99% (15% HCI at 45 deg.C)
Specific Gravity: 2.65
% Volatiles by volume @21C (70F) : 0
Boiling Point: Not applicable
Melting Point: 825C (1517F)

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage
Hazardous Decomposition Products: When heated to decomposition (825C), emits calcium oxide fumes and liberates cardon dioxide
Hazardous Polymerization: will not occur
Incompatibilities: Acids, fluorine, magnesium with hydrogen
Conditions to Avoid: Heat, incompatibles

11. Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposures

12. Ecological Information

Environmental Hazard: insignificant. Toxic to Aquatic life

13. Disposal Considerations

Preferred disposal at controlled landfill site, Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

As applicable locally

15. Regulatory information

Mandatory add requirements: PDO SHOC C004

16. Further information

The information contained herein is based on the present knowledge, but without liability

OTHER INFORMATION:
All information provided in the material safety data sheet is believed to be accurate and reliable. We make no warranty of any kind, express or implied, including warranties of merchantability or fitness for a particular purpose, concerning the safe use of this material in your process or in combination with other substances. Users should make their own tests and assessments as to the suitability of this product or the information contained herein for their particular purposes and uses.