

# Material Safety Data Sheet

## *Calcium Carbonate (All Grades)*

### I. PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: CALCIUM CARBONATE  
Chemical Family:  
Chemical Formula: CaCO<sub>3</sub>  
Synonyms: LIMESTONE, MARBLE, CHALK, CALCITE, CARBONIC ACID, CALCIUM SALT  
NFPA Properties: Health: 0 Flammability: 0 Reactivity: 0 Contact: 1

Revised: 7/2010  
CAS#: 471-34-1

#### Supplier:

#### NOV FluidControl

4310 N. Sam Houston Parkway E  
Houston, TX 77032  
Office: (713) 482-0500  
Fax: (713) 482-0695  
Company website: [www.nov.com](http://www.nov.com)

#### Emergency Telephone Number:

CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| TLV's (ACGIH)             |        |                       |          |                        |      | OTHER<br>LIMITS |
|---------------------------|--------|-----------------------|----------|------------------------|------|-----------------|
| Hazardous Components<br>% | TWAPPM | TWA MG/M <sup>3</sup> | STEL PPM | STEL MG/M <sup>3</sup> | CAS# |                 |
| 1.                        |        |                       |          |                        |      |                 |
| 2.                        |        |                       |          |                        |      |                 |
| 3.                        |        |                       |          |                        |      |                 |

### III. PHYSICAL/CHEMICAL CHARACTERISTICS

|  |                            |
|--|----------------------------|
| Boiling Point °F: N/A                          | Color: WHITE TO GRAY       |
| Specific Gravity: 2.83                         | Odor: NONE                 |
| Vapor Pressure: N/A                            | Appearance: POWDER/PELLETS |
| Percent Volatility: 0                          | pH:                        |
| Vapor Density: N/A                             | Viscosity: N/A             |
| Evaporation Rate: N/A                          | Activity: N/A              |
| Solubility In Water: NEGLIGIBLE (LESS THAN 1%) | LC50: NDA                  |
| Melting Point °F: 1517F                        | LD50: NDA                  |

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### IV. FIRE & EXPLOSION HAZARD DATA

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**Extinguishing Agents:** FOAMS, POWDERS, WATER OR OTHER CONVENTIONAL MEANS

**Flash Point °F:**

**Flammable Limits:** N/A LEL: .6 UEL: .8

**Special Firefighting Procedures:** FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELFCONTAINED (POSITIVE PRESSURE IF AVAILABLE) BREATHING APPARATUS WITH FULL FACEPIECE. MOVE EXPOSED CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK.

**Unusual Fire & Explosion Hazards:** NONE

**Toxic Gases Produced:** CARBON MONOXIDE, CARBON DIOXIDE

N/A = Not Applicable NDA = No Data

### V. HEALTH HAZARD DATA

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**Routes of Entry:** Inhalation: YES Skin: YES Ingestion: YES

**Effects of Overexposure:** DUST MAY IRRITATE EYES. INHALATION OF DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. CONTACT CAN CAUSE EYE IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL PAIN.

**Toxicological Properties:** NDA

**Chronic & Acute Effects of Overexposure:**

**Carcinogenicity:** NTP: NO IARC Monographs: NO OSHA Regulated: NO

#### Emergency First Aid Procedures

**Eyes:** IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN.

**Skin Contact:** FLUSH WITH LARGE AMOUNTS OF SOAP & WATER FOR 15 MINUTES.

**Inhalation:** REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.

**Ingestion:** GIVE COPIOUS AMOUNTS OF WATER AND CALL A PHYSICIAN.

### VI. REACTIVITY DATA

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**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

#### Hazardous Decomposition Products:

OXIDES, CARBON MONOXIDE, CARBON DIOXIDE

**Conditions To Avoid:** HEAT

#### Incompatibility and Materials to Avoid:

STRONG ACIDS, FLUORINE, ALUM, AMMONIUM SALTS

N/A = Not Applicable NDA = No Data Available

### VII. SPILL & DISPOSAL PROCEDURES

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#### Steps To Be Taken in Case Material is Released or Spilled --- Procedures For Clean - Up:

WEAR SUITABLE PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING, OR FLAMES IN AREA. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

#### Waste Disposal Method:

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

#### Precautions To Be Taken In Handling & Storage:

SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.

**Calcium Carbonate****Material Safety Data Sheet****VIII. PROTECTIVE EQUIPMENT**

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Ventilation Type Required: MECHANICAL  
Protective Gloves: RUBBER OR PLASTIC  
Respiratory Protection: USE NIOSH/OSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT.  
Other Protective Equipment:  
Comments:

**IX. REGULATORY & TRANSPORTATION INFORMATION**

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US DOT Proper Shipping Name: "OIL – WELL TREATING COMPOUND"  
US DOT Hazard Class: NON-HAZARDOUS DOT ID Number:  
ID Number: Freight Classification:  
Unregulated By DOT: Regulated by DOT: NO  
Special Transportation Note:  
Labels Required: NO

**DISCLAIMER:**

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