

Material Safety Data Sheet

Effective Date: 15-SEP-2010  
Product: SOMBRERO

I. IDENTIFICATION

Chemical Name: Calcium Carbonate Suspension  
Chemical Family: Nutritional  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: See Ingredients, Section III.  
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined  
Freezing Point: Not determined  
Spec Gravity: 1.67 g/mL  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
Solubility: 1.3 mg/L  
Volatiles: Not determined  
Evaporation: Not determined  
Melting Point: Not applicable  
Appearance: White, liquid suspension.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Calcium carbonate (limestone)	1317-65-3	62.5	10 mg/m3	Severe eye & moderate skin irritant.
Crystalline silica, quartz (impurity)	14808-60-7	0.06- 1.25	0.05 mg/m3	See Note, Section IX.
Inert ingredients		36.25- 37.44		Non-hazardous.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible  
Autoignition Temp: Not determined  
Flammable Limit: Not determined  
Extinguishing Media: Non-combustible liquid. Use extinguishing  
media suitable for underlying cause of  
fire.

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Special Fire Fight Proc: Wear self-contained breathing apparatus and  
full protective clothing.

Fire and Expl Hazard: None currently known.

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V. HEALTH HAZARD

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Carcinogen Information: See Note, Section IX.

ACUTE EFFECTS OF OVER EXPOSURE

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Swallowing: No adverse effect is expected. The Acute  
Oral LD50 for calcium carbonate is 6,450  
mg/kg.

Skin Absorption: No adverse effect is expected through skin  
absorption.

Inhalation: Upon drying, calcium carbonate can form a  
dust hazard. Inhalation of calcium  
carbonate may dry mucous membranes. No  
hazard anticipated with liquid suspension.

Skin contact: Direct contact may cause skin irritation.  
May cause dry skin.

Eye Contact: Calcium carbonate is a severe eye irritant.

Chronic Effects: Inhalation of excessive quantities of  
calcium carbonate dust may aggravate  
existing asthmatic or respiratory  
conditions.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

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Swallowing: Seek medical attention.

Skin: Flush affected area with water. If  
irritation persists, seek medical  
attention.

Inhalation: Move to fresh air. If irritation persists,  
seek medical attention.

Eyes: Immediately flush eyes with water for at  
least 15 minutes, holding the eyelids  
apart. If irritation persists, seek medical  
attention.

Notes to Physician: In the event of adverse response, treatment  
should be directed toward control of the  
symptoms and the clinical condition of the  
patient.

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VI. REACTIVITY

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Stability: Stable  
Conditions to Avoid: Normally stable. If separation occurs, suspension can be mixed.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Do not mix with materials (acids) that will lower the pH of the suspension. Suspension pH is 8.4-10.2.  
Hazardous Combustion: None currently known.

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VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: Sweep, scoop or vacuum spilled material and place in suitable container for proper disposal. Do not contaminate water supplies, lakes, streams or ponds.  
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

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VIII. SPECIAL PROTECTION INFORMATION

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Respiration: Use a dust/mist filtering respirator when mists or dried product are present.  
Ventilation: General and/or local exhaust should be sufficient.  
Gloves: Water-resistant gloves.  
Eyes: Safety glasses with side shields.  
Other: Eyewash station, lightweight protective clothing, shoes and socks.

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IX. SPECIAL PRECAUTIONS

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Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Refer to applicable national, state or local regulations prior to discharging into a sanitary drain.

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Otherwise, do not contaminate water supplies, lakes, streams, ponds or drains.  
Other precaution: Note: This mixture is not a listed carcinogen by IARC, NTP or OSHA. This product may contain greater than 0.1% crystalline silica which is listed as a Group 1 carcinogen by IARC, a known carcinogen by NTP and OSHA, and as a suspected human carcinogen by ACGIH.

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X. SHIPPING INFORMATION  
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Shipping name: Not regulated by DOT, IATA or IMDG.  
Hazard Class: None  
Identification No: None  
Labels Required: None required  
Placarding: None  
Freight Class: Compound, Fertilizer (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

Chemical Name	Equivalent R.Q.
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Not applicable	Not applicable

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XI. GENERAL PRODUCT INFORMATION  
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National Fire Protection Association Rating:  
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1                      Fire: 0                      Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

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