

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

**TRADE NAME (as labeled):** Coastal Reef  
Description: Floor Cleaner

### MANUFACTURER'S NAME

Chemical Consultants, Inc.  
1850 Wild Turkey Circle  
Corona, CA 92880-1799 USA

**DATE PREPARED/ REVISED:**

July 25, 2005

**PREPARER**

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**PHONE NUMBER:**  
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## II. COMPONENT SAFETY DATA

### Chemical Names

Sodium Metasilate

### CAS Numbers

6834-92-0

### %

>40

### Exposure Limits in Air (give units) ACGH TLV

Not Estd

### OSHA PEL

Not Estd

### Other (specify)

## III. PHYSICAL PROPERTIES

**Vapor density (air =1):**

NA

**Melting point or range, °F**

NA

**Specify gravity:**

NA

**Boiling point or range, °F**

NA

**Solubility in water:**

Complete

**Evaporation rate (butyl acetate =1):** NA

**Vapor pressure, mmHg at 20 °C:**

None

**pH (1% solution):**

**Appearance and odor:**

Yellow/Orange powder, with slight citrus odor.

## IV. FIRE AND EXPLOSION

**Flash point, °F (give method):**

Non-Flammable

**Auto ignition temperature, °F:**

None

**Flammable limits in air volume %:**

**lower (LEL)** Unknown

**upper (UEL)** Unknown

**Fire extinguishing materials:**

water spray   
foam

carbon dioxide   
dry chemical

other \_\_\_\_\_

**Special fire fighting procedures:**

Use self contained breathing apparatus and appropriate protective clothing.

**Unusual fire and explosion hazards:**

None.

## V. REACTIVITY DATA

**Stability:** Stable  Unstable \_\_\_\_\_

**Conditions to avoid:**

Store in a cool dry area.

**Incompatibility (materials to avoid):**

Can chemically react with acids producing heat.

**Hazardous decomposition products (including combustion products):**

None.

**Hazardous polymerization:** May occur \_\_\_\_\_ Will not occur

**Conditions to avoid:**

None.

**VI. HEALTH HAZARD INFORMATION****SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

**Inhaled:** None Known.

**Skin:** Possible irritation for personnel sensitive to detergents.

**Swallowed:** None Known.

**HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.**

**Acute:** None Known.

**Chronic:** None Known.

**FIRST AID EMERGENCY PROCEDURES:**

**Eye contact:** Flush with water for at least 15 minutes. Seek immediate medical attention.

**Skin contact:** Flush with water for at least 15 minutes. Seek immediate medical attention if irritation persists.

**Inhaled:** Remove from source of irritation.

**Swallowed:** Do NOT induce vomiting. Give large quantities of milk or water to dilute. Seek immediate medical attention.

**CARCINOGENICITY? YES:** \_\_\_\_\_ **NO:**

This product's ingredients are found in this list. Federal OSHA \_\_\_\_\_ NTP \_\_\_\_\_ IARC \_\_\_\_\_ ACGIH \_\_\_\_\_

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions.

**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Spill response procedures (include employee protection measures):** Small spills can be flushed to drain or sewer with large quantities of water. Large spills should be recollected for re-use or disposal.

**Disposal Methods:** Dispose in a landfill in accordance with local, state, and federal authorities.

**NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.**

**VIII. SPECIAL HANDLING PROCEDURES**

**Respiratory protection (type):** NIOSH approved respirator for dusts or mists.

**Ventilation and engineering controls:** Local exhaust sufficient

**Eye protection (type):** Chemical goggles if splash hazard exists.

**Gloves (specify material):** Rubber or neoprene gloves for prolonged contact.

**Other clothing and equipment:** Adequate to prevent skin contact.

**Work practices, hygienic practices:** Wash hands before eating.

**Other handling and storage requirements:** Store in a cool dry area.

**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

HMIS Code System Rating = Health 1; Flammability 0; Reactivity 0.

Volatile Organic Compound (VOC) = None