



# SAFETY DATA SHEET

DATE: September 11, 2015

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## SECTION 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** SMC Concentrate

**MODEL NUMBER:**

**CHEMICAL FORMULA:** Liquid cleaning compound

## SECTION 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:** Eye and skin irritant.

**SYMBOLS:**



**SIGNAL WORD:** WARNING!

**HAZARD STATEMENT:** Causes eye and skin irritation.

**PRECAUTIONARY STATEMENTS:**

**Prevention:** Wash hands thoroughly after handling.

**Response:**

**If in eyes:** Rinse with fresh water for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists get medical attention/advice.

**If on skin:** Flush from skin and clothing with large amounts of fresh water. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical name**

Sodium silicate (CAS 1344-09-8) 1 - 3%

Sodium Hydroxide (CAS 1310-73-2) 1 - 3%

## SECTION 4 – FIRST AID MEASURES

**INHALATION:** If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, obtain get immediate medical attention.

**INGESTION:** DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give anything by mouth to an unconscious person. Get immediate medical attention.

**EYES:** Rinse with fresh water for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists get medical attention/advice.

**SKIN:** Flush from skin and clothing with large amounts of fresh water. If irritation persists, get medical attention. Wash contaminated clothing before reuse.



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## 5 – FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water fog or fine spray, Carbon Dioxide, Dry chemical or Alcohol-resistant foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None Known.

## 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** Dike to prevent spillage into streams or sewage systems. Consult local, state and federal authorities.

**WASTE DISPOSAL:** Consult local, state and federal authorities.

## 7 – HANDLING AND STORAGE

**HANDLING:** Under normal use according to label instructions, special protection should not be necessary. Avoid contact with eyes, skin and clothing. Do not ingest.

**STORAGE:** Store in a cool, well ventilated area. Avoid overheating (above 120 F) or freezing.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Not usually needed in well ventilated areas. If needed, use a NIOSH approved respirator.

**PROTECTIVE CLOTHING:** Safety glasses and Nitrile or PVC gloves.

Sodium silicate (CAS 1344-09-8) **TWA:** 2mg/m<sup>3</sup>

Sodium Hydroxide (CAS 1310-73-2) **TWA:** 2mg/m<sup>3</sup>

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

**Physical state** Liquid.

**Color** Blue.

**Odor** Mild surfactant odor.

**pH** 12.0

**Melting point/freezing point** 32 °F (0°C)

**Initial boiling point and boiling range** Not determined.

**Flash point** None (Tag Closed Cup)

**Evaporation rate** Not determined.

**Upper/lower flammability or explosive limits**

**Flammability limit – lower (%)** Not available.

**Flammability limit – upper (%)** Not available.

**Relative density** 1.0

**Solubility (water)** Completely soluble.

**Percent volatile** Not determined.

**Volatile Organic Compounds**

**(VOC)** None.

## 10 – STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and Carbon monoxide.

**CONDITIONS TO AVOID:** Open flame, sparks, and strong oxidizers.

## 11 – TOXICOLOGICAL INFORMATION

**ROUTES OF ENTRY:** Eyes, skin or ingestion.

**LISTED CARCINOGEN:** None.

**MEDICAL CONDITION AGGREGATED:** May aggregate pre-existing dermatitis.

**INHALATION:** Not likely to be an inhalation hazard. Use with adequate ventilation.

**INGESTION:** May cause internal irritation or damage to stomach or esophagus. Obtain immediate medical attention.

**EYES:** Causes eye irritation.

**SKIN:** Causes skin irritation.

Sodium silicate (CAS 1344-09-8) **LD50 (Oral, Rat):** 1153 mg/kg **LD50 (Dermal, Rabbit):** 2mg/m<sup>3</sup>



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### 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** Not likely to cause adverse effects in the environment. Contains biodegradable surfactants and solvents.

### 13 – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Consult local, state and federal authorities.

### 14 – TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** Not regulated

**HAZARD CLASS:** N/A

**UN/NA NUMBER:** N/A

**PACKAGING GROUP:** N/A

### 15 – REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**SARA SECTION 313 REPORTABLE INGREDIENTS:** This product contains no toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 49 CFR 372.

#### **SARA SECTION 302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this product (40 CFR 355)

### 16 – OTHER INFORMATION

**NFPA rating:** Health = 2, Flammability = 0, Reactivity = 0, Other = 0.

The information contained in this Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, no warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.