

# MATERIAL SAFETY DATA SHEET SUPERCLEAN CONCRETE CLEANER

## I. PRODUCT & COMPANY INFORMATION

**PRODUCT/MATERIAL NAME:** SUPERCLEAN CONCRETE CLEANER  
**CHEMICAL NAME:** Mixture  
**CHEMICAL FORMULA:** NA  
**CHEMICAL FAMILY/CLASSIFICATION:** Alkaline aqueous liquid  
**MOLECULAR WEIGHT:** NA  
**MATERIAL USE:** Multi-purpose cleaner/degreaser  
**HMIS HAZARD RATING: (0: Minimal; 1: Slight; 2: Moderate; 3: Serious; 4: Severe)**  
     HEALTH: 3  
     FLAMMABILITY: 0  
     REACTIVITY: 1  
**WARNING STATEMENT, IF APPLICABLE:** Danger! Causes eye and skin burns. Avoid contact.  
**NTS, IF APPLICABLE:**  
**COMPANY NAME (In the U.S.):** SUPERCLEAN ACQUISITIONS LLC  
     51 East Maryland Avenue  
     St Paul, MN USA  
     Telephone: 651.489.8211  
     Fax: 651.489.8247  
     Website: www.superclean.com

**IN THE EVENT OF AN EMERGENCY, PLEASE CALL:** 800.304.5068

## II. INGREDIENT INFORMATION

INGREDIENTS: CHEMICAL/COMMON NAME	EXPOSURE LIMITS: TVL	LD50	LC50	%
Water CASRN 7732-18-5	ND	ND	ND	60-100
2-Butoxyethanol CASRN 111-76-2	PEL/TWA:25ppm skin (OSHA, ACGIH)	Oral, rabbit: 300 mg/kg Dermal, rabbit: 220 mg/kg Intravenous, rabbit: 252 mg/kg Intraperitoneal, rat: 220 mg/kg	Inhalation, 7 hr. mouse: 700 ppm	5-10
Sodium xylene sulfonate CASRN 1300-72-7	ND	ND	ND	1-5
Nonylphenol ethoxylate CASRN 127087-87-0	ND	ND	ND	1-5
Sodium hydroxide CASRN 1310-73-2	PEL/TWA: 2mg/m3 (OSHA, ACGIH), Ceiling	Oral, mouse: 40mg/kg	ND	1-5
Sodium metasilicate pentahydrate CASRN 6834-92-0	ND	Oral, mouse: 770mg/kg	ND	1-5
Other additives CASRN: NA	ND	ND	ND	0.5-1.5
Dye and fragrances CASRN: NA	ND	ND	ND	0.1-1

NA: Not Applicable; ND: No Data Available

**III. FIRST AID MEASURES**

**SIGNS AND SYMPTOMS**

Eye Contact: Irritation, redness, tearing, pain, Conjunctival swelling, burns may develop. Immediately flush with plenty of clean water for at least 15 minutes. Consult a physician immediately.

Skin Contact: Irritation, redness, extreme dryness and peeling, scarring may develop. Remove clothing and immediately flush with plenty of clean water for at least 15 minutes. Consult a physician immediately.

Respiratory System: Nasal and respiratory irritation, pneumonitis, tissue damage could occur. If inhaled, remove from area of exposure. If breathing is difficult or irritation persists, call a physician. If ingested, do not induce vomiting. Give plenty of water or milk and call physician immediately. Do not give anything by mouth to an unconscious or convulsing person.

**IV. HEALTH HAZARD DATA**

**Exposure Limits:** See Section II, Product/Ingredient

**Primary routes of entry:**

- X Eye Contact
- X Skin Contact
- Skin Absorption
- X Inhalation (Acute)
- Inhalation (Chronic)
- Ingestion

**Effects of Exposure**

Acute: Danger! Corrosive liquid.

Eyes: Can cause severe irritation of burns. Avoid contact.

Skin: Can cause severe irritation of burns. Avoid contact.

Respiratory System: Can cause irritation or burns following inhalation of mists.

Ingestion: Can cause severe irritation or burns to digestive tract. Do not swallow.

Chronic: No chronic effects known.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin disorders.

**Toxicology Data (Product):**

**Acute Data (Median Lethal Dose - species)**

Oral LD50: rat - 8.2 g/kg  
 Dermal LD50: rabbit - ND  
 Inhalation LD50: rat - ND

**Irritancy Data**

Eye irritation: rabbit - ND  
 Skin irritation: rabbit - ND  
 Sensitization: guinea pig - ND

NA: Not Applicable; ND: No Data Available

**SECTION V: EMPLOYEE PROTECTION**

Ventilation:	General ventilation and local exhaust recommended. Build up of mists/vapors in the working atmosphere must be prevented.
Respiratory Respirators:	Respiratory Respirators should be used when engineering or other when other controls are not technically feasible. Protection required: use only a MSHA/NIOSH approved air supplied respirator or an air-purifying respirator.
Eyes:	Safety goggles or face shield.
Gloves:	Impervious type gloves, such as rubber, neoprene, nitrile, polyethylene
Clothing:	Protective clothing such as a coverall or apron may be used to minimize skin contact.
Footwear:	No special requirement.
Other:	Eye wash and safety shower recommended in industrial setting.
Work Hygienic Practices:	Avoid skin and eye contact. Do not wear contaminated clothing. Launder before re-use or discard. Wash hands thoroughly after handling.
Storage/Handling:	Maintain ambient temperatures. Avoid prolonged breathing of mists. Use with adequate ventilation. Corrosive to the eyes and skin. Severe internal irritation and damage can result when ingested. Avoid contact with eyes, skin, or clothing. Do not swallow. Keep container tightly closed when not in use.

Keep out of reach of children.

**SECTION VI: PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point:	212° F, 100° C
Vapor Pressure:	ND
Percent Volatiles:	85-95%
Solubility in Water:	Complete
pH-Value:	Neat - 13.0; 2% - 11.7
Odor Treshold:	NA
Appearance, Odor & Physical State:	Clear, purple liquid; lemon odor
Specific Gravity (Water=1):	1.04
Vapor Density:	ND
Evaporation Rate (Water=1):	1
Freeze Point:	-28° F, 2° C
Viscosity @ 40 'c, cSt:	ND
Coefficient of Water/Oil Distribution:	NA

**SECTION VII: FIRE AND EXPLOSION DATA**

Flammability:	X	Yes	
		No	Aqueous fluid
Flash Point (COC):		NA	
Fire Point (COC):		NA	
Autoignition Temperature:		NA	
Flammability Limits in Air, % Vol.:		Upper - NA; Lower - NA	
Extinguishing Media:			
Special Firefighting Procedures/Unusual and Explosion Hazards:			Cool fire exposed with water. Do not enter confined areas without full protective equipment, including a positive pressure NIOSH approved self-contained breathing apparatus.
Explosion Data:			
Sensitivity fo Mechanical Impact:		NA	
Sensitivity to Static Charge:		NA	

NA: Not Applicable; ND: No Data Available

**SECTION VIII: REACTIVITY**

Stability:	Stable at ambient temperatures
Hazardous Polymerization:	Will not occur
Conditions and Materials to Avoid (Incompatibilities):	Strong acids. Strong oxidizers.
Hazardous Combustion or Decomposition Products:	Avoid contact with glass. Smoke, fumes, oxides of carbon

**SECTION IX: ENVIRONMENTAL PROTECTION**

**CHEMTREK EMERGENCY PHONE NUMBER 1-800-424-9300.** 24 HOURS for U.S. transportation related spills, leaks, fire, exposure, or accident.

**Spill or leak procedures:**

Use best engineering practices when attempting cleanup of a large spill.

**Larger spills:**

Wear respirator and appropriate protective clothing. Stop source of leak, if possible. Dike, contain spill and recover free liquid. Prevent entry into waterways. Neutralize and/or soak up residue with an inert absorbent such as clay, sand or other suitable materials. Store and dispose of properly. Flush area with water. Where feasible and appropriate, remove contaminated soil.

**Small spills:**

Neutralize and/or soak up spill with an inert absorbent such as clay, sand or other suitable material. Store in a closed container and dispose of properly.

Regulatory spill reporting requirements may apply. Contact governmental agency or legal counsel for advice.

**Waste Disposal Method:**

If discarded as supplied, material meets RCRA characteristic definition of corrosivity, 0002. The toxicity characteristic has not been evaluated. Under RCRA, the applicable hazardous waste classification must be evaluated prior to disposal of the material. Use of the product, processing contamination may render the resulting material hazardous or alter waste classification.

All recovered material should be packaged, labeled, transported, and disposed of or reclaimed in accordance with local, state and Federal regulations regarding air pollution, water pollution or health.

**CAUTION:** Improper disposal or reuse of the empty container may be hazardous and illegal. Cutting or welding of empty containers may cause explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place. RE to applicable governmental standards.

**SECTION X: REGULATORY INFORMATION**

**TRANSPORTATION**

**Special Shipping Information/DOT Proper Shipping Name:** Corrosive liquid, n.o.s., 8, UN1760, PG II, (sodium hydroxide, sodium silicate). Follow all requirements regarding transportation of a regulated material.

**CHEMICAL CONTROL REGULATIONS**

**TSCA Status:** All components of this material appear on the Toxic Substance Control Act Chemical Substances Inventory.

**CEPA Status:** All components of this material appear on the Canadian Domestic substances list.

Canadian Workplace Hazardous Material Identification System  
WHMIS Classification: Material is a controlled product.

	Class A	Compressed Gas
	Class 8-1	Flammable Gas
	Class B-2	Flammable Liquids
	Class B-3	Combustible Liquids
	Class B-4	Flammable Solids
	Class 8-5	Flammable Aerosols
	Class C	Oxidizing Material
	Class 8-6	Reactive Flammable Materials
	Class D, Div. 1	Materials Causing Immediate and Serious Toxic Effects
	Class D-1A	Very Toxic Materials
	Class 0-1B	Toxic Materials
	Class D, Div. 2	Materials Causing Other Toxic Effects
	Class D, 2A	Very Toxic Materials
X	Class D, 2B	Toxic Materials
X	Class E	Corrosive Material
	Class 0-3	Biohazardous Infectious Material
	Class F	Dangerously Reactive Material

**EPCRA: Emergency Planning and Community Right to Know Act (SARA Title III):**

Section 302/304 Extremely Hazardous Substance: NA

**CERLA: Section 102(a) Hazardous Substance** Sodium hydroxide. Reportable quantity for product = 25,000 pounds (11,250 kg.)

**Section 311 Hazard Category**

- X Acute (Immediate)
- Chronic (Delayed)
- Fire
- Sudden Release of Pressure
- Reactive
- Not Applicable

**Section 313 Toxic Release Inventory Chemical/Category**

Glycol Ethers, 6.5% (wt.) max.

**U.S. State Right to Know Laws**

New Jersey Worker and Community Right to Know Act, N.J.A.C. 8:59-5 Labeling Information: See Section II.

California Safe Drinking Water Enforcement Act (Proposition 65): This product contains one or more chemicals know to the State of California to cause cancer or reproductive harm.

**XI: OTHER INFORMATION****\*\*\* NOTICE\*\*\***

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