

OIL SOLUTIONS™ STEP 1

Material Safety Data Sheet

Meets OSHA Standard 29 CFR 1910.1200(g)
Effective Date: July 10, 2009

SECTION I: CHEMICAL PRODUCT AND COMPANY INFORMATION

Trade Name: OIL SOLUTIONS™ STEP 1 / STEP 2

Company Name: OIL STORAGE SOLUTIONS Corp.

Address: 19 Mill Street, Amityville, NY 11701 **Website:** www.cleaningupoil.com

Telephone: (516) 221- 4762

Fax: (516) 221-7099

SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Mixture Components</u>	<u>CAS Reg No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium silicate solution	1344-09-8	Not Established	Not Established

Contains no other hazardous ingredients as defined by OSHA 29CFR 1910.1000(z) and 29CFR 1910.1200.

SECTION III: HAZARDS IDENTIFICATION

Hazardous Materials

Identification System (HMIS)

Health	1
Flammability	0
Reactivity	0
Special	None

Hazard Rating Scale

Minimal	0
Slight	1
Moderate	2
Serious	3
Severe	4

Primary Routes of Exposure

Eye Contact: Direct contact may cause slight eye irritation.

Skin Contact: Prolonged contact may cause slight skin irritation, skin drying or dermatitis.

Inhalation: Inhalation of vapor or mist may cause slight respiratory tract irritation.

Ingestion: May cause irritation to the mouth, esophagus and stomach.

Chronic Hazards: No known chronic hazards.

Physical Hazards: Dries to form a glass film which can easily cut skin. Spilled material is very slippery. Can etch glass if not promptly removed.

SECTION IV: FIRST AID MEASURE

Eye contact: Flush eyes with large amounts of water for 15 minutes. Get medical attention promptly.

Skin: Thoroughly wash exposed area with plenty of water. Consult a physician if irritation persists.

Inhalation: Move subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Note to Physician: This product is alkaline with pH of 11.5.

SECTION V: FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point: Non-combustible.

Extinguishing Media: Use extinguishing media appropriate for surrounding fire. This material is compatible with all extinguishing media.

Hazards to Fire-Fighters: See Section III for information on hazards when this material is present in the area of a fire.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Protection: See SECTION VIII for the appropriate protective equipment for handling a spill of this material. See SECTION IV for first aid actions if exposed to material during clean-up operations.

Procedures: Avoid falls since surface may be slippery. Contain spills with sand or earth. If available, use OIL SOLUTIONS Step 2 or dilute acid to form an inert, non-hazardous wet solid. Transfer the substance and the diking material to suitable containers for disposal. Not a RCRA Hazardous waste.

SECTION VII: HANDLING AND STORAGE

Storage Conditions: Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers. Do not store near strong acids, reactive metals, and ammonium salts. Keep from freezing. Store between 1°C/34°F and 60°C/140°F.

Handling Procedures: See SECTION VIII for types of personal protection required.

SECTION VIII: EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Controls: Use local exhaust to control vapors/mists.

Respiratory Protection: Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. A dust/mist respirator may be needed for non-routine or extreme density mist situations.

Protective Gloves: Wear rubber gloves.

Eye Protection: Use splash goggles or face shield if possibility of material splashing, spraying or misting exists.

Other Protective Equipment: Use chemical resistant apron or impervious clothing to avoid contamination of regular clothing resulting in prolonged or repeated skin contact. Safety shower and eyewash fountain should be within access.

Personal Hygiene: Minimize breathing vapor or mist, avoid prolonged contact with skin, remove contaminated clothing and launder before reuse. Clean contaminated shoes before reuse.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	100°C/212°F
Appearance:	Clear to light yellow liquid
Evaporation Rate:	Similar to water
Odor Characteristic:	Mild odor
pH:	11.5
Specific Gravity (Water = 1):	1.18
Soluble in water:	Very Soluble
Vapor Density (Air = 1):	Heavier than air
Vapor Pressure:	ND

SECTION X: STABILITY AND REACTIVITY

This product is stable and will not react with water or polymerize. Avoid contact with strong acids because product gels. Flammable hydrogen gas may be produced on prolonged contact with aluminum, tin, lead, and zinc.

SECTION XI: TOXICOLOGICAL INFORMATION

None of the components of this material are considered carcinogenic by NTP, IARC, OSHA or ACGIH.

SECTION XII: ECOLOGICAL INFORMATION

This product contains nothing known to be harmful to the environment when neutralized.

SECTION XIII: DISPOSAL CONSIDERATIONS

Neutralize the OIL SOLUTIONS STEP 1 with dilute acid or OIL SOLUTIONS STEP 2 additive until the pH is neutral. Transfer the wet sand-like substance to a suitable container for proper disposal in accordance with local, state and federal regulations.

SECTION XIV: TRANSPORT INFORMATION

US DOT Hazard Class: This material is not a regulated hazardous material for transportation.

SECTION XV: REGULATORY INFORMATION

Workplace Classification: This product's components are considered non-hazardous under the OSHA 29CFR 1910.1200.

SARA TITLE III: Section 311/312/313 Categorizations (40CFR 370/372):

This product's components are non-hazardous in Section 313 at or above de minimis concentrations.

CERCLA Information (40CFR 302.4): No CERCLA Reportable Quantity is established for this material's components.

TSCA: The Sodium silicate component is listed on the TSCA inventory.

Waste Classification: When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, toxicity or reactivity, and its not listed in 40CFR 261.33.

This information contained herein relates only to the specific material identified. OIL STORAGE SOLUTIONS Corp. believes that such information is accurate and reliable as of the date of this material safety data sheet, but not representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. OIL STORAGE SOLUTIONS Corp. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.