

Section 1. Identification.

1.1 Product Identifier

Product Name **Oil Solutions™ Step 1**

1.2 Relevant Identified Users of the Substance and Uses Advised Against

Relevant Uses Component for Step 1/Step 2 Oil Spill Cleanup Product
Uses Advised Against None Known

1.3 Details of the Supplier of the Safety Data Sheet

Oil Solutions International
35 Mill St.
Amityville, NY 11701
Phone: 631-608-8889; After Hours: 631-608-8888
Fax: 516-221-7099
Website: www.cleaningupoil.com

Section 2. Hazards Identification.

2.1 Signal Word and Pictogram(s): None, Non-Hazardous

2.1 GHS Classification of the Substance

Physical Hazards

Explosives	Not Applicable
Flammable Gases	Not Applicable
Flammable Aerosols	Not Applicable
Oxidizing Gases	Not Applicable
Gases Under Pressure	Not Applicable
Flammable Liquids	Not Applicable
Flammable Solids	Not Applicable
Self-Reactive Substances and Mixtures	Not Applicable
Pyrophoric Liquids	Not Applicable
Pyrophoric Solids	Not Applicable
Self-heating Substances and Mixtures	Not Applicable
Substance contacting water and Emit flammable gases	Not Applicable
Oxidizing Liquids	Not Applicable
Oxidizing Solids	Not Applicable
Organic Peroxides	Not Applicable

Corrosive to Metals	Not Applicable
<u>Health Hazards</u>	
Acute Toxicity	
Oral	Category 5
Skin	Category 5
Inhalation (Gas)	Classification Not Available
Inhalation (Vapor)	Classification Not Available
Inhalation (Dust, Mist)	Classification Not Available
Skin Corrosion/Irritation	Category 5, Mild Skin Irritation
Serious Eye Damage/Irritation	Category 2, Could Cause Mild Eye Irritation
Respiratory Sensitization	Category 2
Skin Sensitization	Classification Not Available
Germ Cell Mutagenicity	Not Classified
Carcinogenicity	Classification Not Available
Reproductive Toxicity	Classification Not Available
Specific Target Organ Toxicity	
Single Exposure	Category 3
Repeated Exposure	Category 2
Aspiration Hazard	Classification Not Available
<u>Environmental Hazards</u>	
Aquatic Toxicity	
Acute	Classification Not Available
Chronic	Classification Not Available

This product is not hazardous as defined by the US Occupational Safety and Health Administration (OSHA) under its Hazard Communication (HCS), 29 CFR 1910.1200.

UN Class and UN Number	Non-Regulated Commodity
Adverse Human Health Effects	Not available
Physical and Chemical Hazards	Not available
Environmental Effects	Not available

Section 3. Composition/Information on Ingredients.

3.1 Product Type - Mixture

Chemical Name	Concentration	CAS No.
Sodium Silicate	<18%	1344-09-8
Surfactant	<2%	-
Surfactant	<2%	-
Water	>78%	7732-15-5

The specific chemical substance identity and CAS Number are being withheld as a trade secret.

Section 4. First Aid Measures

4.1 Description of First Aid Measures

Eye Contact	Gently rinse the eyes and under the eyelids with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention if eye irritation persists.
Skin Contact	Immediately remove all contaminated clothing. Rinse skin with plenty of water.
Inhalation	Remove to fresh air and keep at rest in a comfortable position for breathing. If signs/symptoms continue, get medical attention.
Ingestion	Rinse mouth with water and drink plenty of water afterwards. Get medical advice. Do not induce vomiting.

Section 5. Fire-Fighting Measures.

5.1 Extinguishing Media

Use water, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special Hazard

The aqueous mixture is not flammable or combustible. Toxic gases (carbon monoxide) may form when other substances nearby are burned without sufficient oxygen.

5.3 Advice for Firefighters

Firefighters should wear proper protective equipment (helmet with face shield, bunker coats, gloves and rubber boots), including a pressure demand MSHA/NIOSH approved self-contained breathing apparatus. Keep personnel removed from and upwind of fire.

Section 6. Accidental Release Measures.

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear appropriate respiratory protection and protective clothing. See Section 8.

6.2 Methods and Material for Containment and Cleaning Up

Use good housekeeping practices. Ventilate area. Contain spill with Step 2 of the Step 1/Step 2 oil spill clean-up product. Shovel and sweep up or use industrial vacuum cleaner after drying. Put into containers for disposal.

Section 7. Handling and Storage.

7.1 Handling

Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands thoroughly after handling

7.2 Storage

Keep containers tightly closed in a dry, cool, well-ventilated area. Segregate from acids. Do not allow to freeze.

Section 8. Exposure Controls/Personal Protection.

8.1 Control Parameters

Occupational Exposure
Limit Monitoring

Not Applicable for product, but applicable for the spilled substance being cleaned up.

8.2 Exposure Controls

Respiratory Protection

If engineering controls do not maintain performance to a level that is adequate to protect worker health, a NIOSH-approved respirator should be worn. In accordance with 29 CFR 1910.134, use either an atmosphere-supplying or an air-purifying respirator for organic vapors and dusts.

Protective Clothing

Safety glasses and protective clothing and gloves should be worn when product is being used in spill cleanup.

Protective Measures

Adequate ventilation and/or engineering controls are required when product used to clean up hydrocarbon spills.

Section 9. Physical and Chemical Properties.

9.1 Information on Basic Physical and Chemical Properties

Appearance	Colorless to light yellow liquid
Odor	Mild odor
Boiling Point (deg. F)	Approximately 212 °F
Melting Point (deg. F)	Not Applicable
Flash Point	Not Flammable
pH	11.5
Specific Gravity (H ₂ O=1)	1.08 g/ml
Solubility in Water	Very Soluble
Vapor Pressure (mm Hg)	Not Applicable
Vapor Density (Air = 1)	Heavier than air
Evaporation Rate - (Butyl Acetate = 1)	Similar to water

Section 10. Stability and Reactivity.

10.1 Chemical Stability

This product is considered a stable material under normal storage and handling conditions.

10.2 Conditions to Avoid

Avoid contact with acids, aluminum, magnesium, calcium and zinc.

10.3 Hazardous Decomposition Products

None

Section 11. Toxicological Information.

11.1 Information on Toxicological Effects

Acute Toxicity	
Oral LD ₅₀	No Information Available
Dermal LD ₅₀	No Information Available
Inhalation LC ₅₀	No Information Available
Routes Exposure	
Inhalation	No Information Available
Ingestion	No Information Available
Dermal	No Information Available
Skin Corrosion/Irritation	No Information Available
Serious Eye Damage/ Irritation	No Information Available
Respiratory Sensitization	No Information Available
Skin Sensitization	No Information Available
Mutagenicity	No Information Available
Carcinogenicity	No Information Available
Reproductive Toxicity	No Information Available
Specific Target Organ	
Single Exposure	No Information Available
Repeated Exposure	No Information Available
Aspiration Toxicity	No Information Available

Section 12. Ecological Information.

12.1 Ecotoxicological Data

No Information Available

12.2 Persistence and Degradability

No Information Available

12.3 Mobility in Soil

No Information Available

12.4 Other Adverse Effects

No Information Available

Section 13. Disposal Considerations.

13.1 Waste Treatment Methods

All Oil Solutions Step 1 material should be disposed in conformance with applicable laws and regulations using good engineering practices. The best method is to mix the Oil Solutions Step 1 with Oil Solutions Step 2 to form a solid, allow for drying, and then dispose the solid.

Section 14. Transport Information.

14.1 UN Number

Non-Regulated Commodity

14.2 Proper Shipping Name

Not Applicable

14.3 Transport Hazard Class(es)

Not Hazardous by DOT

Section 15. Regulatory Information.

15.1 Inventory Status

Not Listed

16.1 US Federal Regulations

Clean Water Act, SARA 313, SARA 311/312: Not applicable or not hazardous

Section 16. Other Information.

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Safety Data Sheet
Oil Solutions™ Step 1
05/09/14
Version 01



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