

## Section 1. Identification.

### 1.1 Product Identifier

Product Name **Oil Solutions™ Liquid Step 2**

### 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](http://www.cleaningupoil.com)

## Section 2. Hazards Identification.

### 2.1 Signal Word and Pictograms

**Warning**



### 2.1 GHS Classification of the Substance

Could cause skin irritation. Could cause serious eye irritation.

#### 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

Health Hazards

Acute Toxicity	
Oral	Classification Not Available
Skin	Classification Not Available
Inhalation (Gas)	Classification Not Available
Inhalation (Vapor)	Classification Not Available
Inhalation (Dust, Mist)	Classification Not Available
Skin Corrosion/Irritation	Category 3, Mild Skin Irritation
Serious Eye Damage/Irritation	Category 2, Could Cause Eye Irritation
Respiratory Sensitization	Classification Not Available
Skin Sensitization	Classification Not Available
Germ Cell Mutagenicity	Classification Not Available
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

Environmental Hazards

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.
Weak Acid*	-	-
Salt*	-	-
Polymer*	-	-
Water	<60%	<b>7732-15-5</b>

\*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	Immediately flush eyes and under the eyelids with water for at least 15 minutes. Remove contact lenses if present. Get medical attention if eye irritation persists.
Skin Contact	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.

### Control Parameters

Occupational Exposure  
Limit Monitoring

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

### **8.1 Exposure Controls**

Appropriate engineering  
Controls:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor, or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure  
controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### **Individual Protection Measures**

Hygiene measures:

Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### **Skin Protection**

Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body Protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots, and gloves.
Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respirator protection:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and Chemical Properties.

### 9.1

• Appearance (Physical state, color)	Liquid; Colorless
• Odor	Odorless
• Odor threshold;	NA / similar to water
• pH	3
• Melting point/freezing point	NA / 32° F
• Initial boiling point / boiling range	Approximately 212° F./100° C / NA
• Flash point	N/A
• Evaporation rate	Butyl Acetate = 1 / similar to water
• Flammability (solid, gas)	N/A
• Upper / lower flammability	Not Flammable or explosive
• Vapor pressure (mm Hg)	N/A
• Vapor Density (Air=1)	Heavier than air
• Relative Density	(H <sub>2</sub> O=1) 1.22 g/ml
• Solubility(ies)	Very soluble in water

- Partition coefficient: n-octanol/water N/A
- Auto-ignition temperature Not Flammable
- Decomposition temperature N/A
- Viscosity 10-30 cps

## **Section 10. Stability and Reactivity.**

### **10.1 Chemical Stability**

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

### **10.2 Conditions to Avoid**

Avoid contact with bases.

### **10.3 Hazardous Decomposition Products**

None

## **Section 11. Toxicological Information.**

### **11.1 Information on Toxicological Effects**

Acute Toxicity

Oral LD <sub>50</sub>	No Information Available
Dermal LD <sub>50</sub>	No Information Available
Inhalation LC <sub>50</sub>	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 2 with Oil Solutions Step 1 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, hazardous, or reportable.

## **Section 16. Other Information.**

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