

# Safety Data Sheet

Issue Date: 09-Aug-2005

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Spot-It

### Other means of identification

**SDS #** OBCO-044

**UN/ID No** UN1760

### Recommended use of the chemical and restrictions on use

**Recommended Use** Built alkaline cleaner.

### Details of the supplier of the safety data sheet

#### Supplier Address

OBCO Chemical Corporation  
7248 Spa Road  
North Charleston, SC 29418

### Emergency Telephone Number

**Company Phone Number** 1-843-572-6688

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Colorless liquid

**Physical State** Liquid

**Odor** Baby powder

### Classification

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation         | Category 1 Sub-category B |
| Serious eye damage/eye irritation | Category 1                |

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

### Signal Word

**Danger**

### Hazard Statements

Causes severe skin burns and eye damage



### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                   | CAS No    | Weight-% |
|---------------------------------|-----------|----------|
| Tetrasodium EDTA                | 64-02-8   | 1-5      |
| Potassium hydroxide             | 1310-58-3 | 1-5      |
| Ethylene Glycol Monobutyl Ether | 111-76-2  | 1-5      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures****General Advice**

Provide this SDS to medical personnel for treatment.

**Eye Contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**Skin Contact**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician. Wash contaminated clothing before reuse.

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

**Ingestion**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

**Most important symptoms and effects****Symptoms**

Causes severe skin burns and eye damage. May be harmful if swallowed.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Not determined.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

**Environmental Precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** For small spills: Wipe up product and rinse affected area with water. Large spills: Stop leak at the source and collect into a suitable container, then treat as a small spill. Dispose of contents/container to an approved waste disposal plant.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                               | ACGIH TLV                    | OSHA PEL                                                                                                                         | NIOSH IDLH                                               |
|---------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | TWA: 20 ppm                  | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup> |
| Potassium hydroxide<br>1310-58-3            | Ceiling: 2 mg/m <sup>3</sup> | (vacated) Ceiling: 2 mg/m <sup>3</sup>                                                                                           | Ceiling: 2 mg/m <sup>3</sup>                             |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Chemical splash goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** No protective equipment is needed under normal use conditions. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                       |                  |                       |                |
|-----------------------|------------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid           | <b>Odor</b>           | Baby powder    |
| <b>Appearance</b>     | Colorless liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Colorless        |                       |                |

| <u>Property</u>              | <u>Values</u>        | <u>Remarks • Method</u> |
|------------------------------|----------------------|-------------------------|
| pH                           | 12-13                |                         |
| Melting Point/Freezing Point | Not determined       |                         |
| Boiling Point/Boiling Range  | Not determined       |                         |
| Flash Point                  | > 93.3 °C / 200 °F   |                         |
| Evaporation Rate             | Not determined       |                         |
| Flammability (Solid, Gas)    | Not determined       |                         |
| Upper Flammability Limits    | Not determined       |                         |
| Lower Flammability Limit     | Not determined       |                         |
| Vapor Pressure               | Not determined       |                         |
| Vapor Density                | Not determined       |                         |
| Specific Gravity             | 1.02                 |                         |
| Water Solubility             | Infinitely soluble   |                         |
| Solubility in other solvents | Not determined       |                         |
| Partition Coefficient        | Not determined       |                         |
| Auto-ignition Temperature    | Not determined       |                         |
| Decomposition Temperature    | Not determined       |                         |
| Kinematic Viscosity          | Not determined       |                         |
| Dynamic Viscosity            | Not determined       |                         |
| Explosive Properties         | Not determined       |                         |
| Oxidizing Properties         | Not determined       |                         |
| Additional Information       | Percent Volatile: 88 |                         |
| VOC Content                  | 1.5                  |                         |

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information****Eye Contact** Causes severe eye damage.**Skin Contact** Causes severe skin burns.**Inhalation** Do not inhale.**Ingestion** May be harmful if swallowed.**Component Information**

| Chemical Name                               | Oral LD50                                    | Dermal LD50                                  | Inhalation LC50       |
|---------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------|
| nonylphenol ethoxylate<br>9016-45-9         | = 2590 mg/kg ( Rat ) = 1310 mg/kg<br>( Rat ) | = 1780 µL/kg ( Rabbit ) = 2 mL/kg ( Rabbit ) | -                     |
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | = 470 mg/kg ( Rat )                          | = 99 mg/kg ( Rabbit )                        | = 450 ppm ( Rat ) 4 h |
| Potassium hydroxide<br>1310-58-3            | = 284 mg/kg ( Rat )                          | -                                            | -                     |
| Tetrasodium EDTA<br>64-02-8                 | = 1658 mg/kg ( Rat ) = 10 g/kg ( Rat )       | -                                            | -                     |

**Information on physical, chemical and toxicological effects****Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name                               | ACGIH | IARC    | NTP | OSHA |
|---------------------------------------------|-------|---------|-----|------|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | A3    | Group 3 |     |      |

**Legend***ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 3 IARC components are "not classifiable as human carcinogens"***Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

### Component Information

| Chemical Name                               | Algae/aquatic plants                         | Fish                                                                                             | Toxicity to microorganisms | Crustacea                                                                       |
|---------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 |                                              | 1490: 96 h Lepomis macrochirus mg/L LC50 static<br>2950: 96 h Lepomis macrochirus mg/L LC50      |                            | 1000: 48 h Daphnia magna mg/L EC50<br>1698 - 1940: 24 h Daphnia magna mg/L EC50 |
| Potassium hydroxide<br>1310-58-3            |                                              | 80: 96 h Gambusia affinis mg/L LC50 static                                                       |                            |                                                                                 |
| Tetrasodium EDTA<br>64-02-8                 | 1.01: 72 h Desmodesmus subspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/L LC50 static<br>59.8: 96 h Pimephales promelas mg/L LC50 static |                            | 610: 24 h Daphnia magna mg/L EC50                                               |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

| Chemical Name                               | Partition Coefficient |
|---------------------------------------------|-----------------------|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | 0.81                  |
| Potassium hydroxide<br>1310-58-3            | 0.65<br>0.83          |

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### California Hazardous Waste Status

| Chemical Name                    | California Hazardous Waste Status |
|----------------------------------|-----------------------------------|
| Potassium hydroxide<br>1310-58-3 | Toxic<br>Corrosive                |

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

UN/ID No UN1760  
 Proper Shipping Name Corrosive liquid, n.o.s. (Potassium hydroxide)  
 Hazard Class 8  
 Packing Group II

**IATA**

UN/ID No UN1760  
 Proper Shipping Name Corrosive liquid, n.o.s. (Potassium hydroxide)  
 Hazard Class 8  
 Packing Group II

**IMDG**

UN/ID No UN1760  
 Proper Shipping Name Corrosive liquid, n.o.s. (Potassium hydroxide)  
 Hazard Class 8  
 Packing Group II  
 Marine Pollutant This material may meet the definition of a marine pollutant

|                                   |
|-----------------------------------|
| <b>15. REGULATORY INFORMATION</b> |
|-----------------------------------|

**International Inventories**

| Chemical Name                   | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|---------------------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Tetrasodium EDTA                | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Potassium hydroxide             | Present | X   |      | Present |        | Present | X     | Present | X     | X    |
| Ethylene Glycol Monobutyl Ether | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations****CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                    | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|----------------------------------|--------------------------|----------------|-------------------------------------------|
| Potassium hydroxide<br>1310-58-3 | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name                              | CAS No   | Weight-% | SARA 313 - Threshold Values % |
|--------------------------------------------|----------|----------|-------------------------------|
| Ethylene Glycol Monobutyl Ether - 111-76-2 | 111-76-2 | 1-5      | 1.0                           |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name       | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Potassium hydroxide | 1000 lb                     |                        |                           | X                          |

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name                               | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------------------|------------|---------------|--------------|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | X          | X             | X            |
| Potassium hydroxide<br>1310-58-3            | X          | X             | X            |

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

**NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

2

**Flammability**

0

**Physical Hazards**

0

**Personal Protection**

Not determined

**Issue Date:**

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13-Nov-2015

**Revision Note:**

New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet