1. Product and Company Identification

Product number: 829-001
Product name: Spot Lifter
Effective date: 26-Oct-2009
Company information: Sprayway, Inc.
484 Vista Ave.
Addison, IL 60101 United States
Company phone: General Assistance 630-543-7600
Emergency telephone US: 800-424-9300
Emergency telephone outside US: 703-527-3887
Version #: 02
Supersedes date: 15-May-2008

2. Hazards Identification

Emergency overview: CONTENTS UNDER PRESSURE. Aerosol. Cancer hazard. Irritating to eyes. Irritating to respiratory system. Prolonged exposure may cause chronic effects.

Potential health effects:
- **Routes of exposure**
  - Inhalation, Skin contact, Ingestion.
- **Eyes**
  - Causes eye irritation.
- **Skin**
  - Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
- **Inhalation**
  - Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to respiratory system. Prolonged inhalation may be harmful.
- **Ingestion**
  - Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

Target organs: Kidney, Central nervous system, Liver, Lungs.
Chronic effects: Liver injury may occur. Kidney injury may occur. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene Chloride</td>
<td>75-09-2</td>
<td>40 - 50</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Perchloroethylene</td>
<td>127-18-4</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Propylene Oxide</td>
<td>75-56-9</td>
<td>0.1 - 0.5</td>
</tr>
<tr>
<td>Non-hazardous and other components below reportable levels</td>
<td>2.5 - 10</td>
<td></td>
</tr>
</tbody>
</table>

4. First Aid Measures

**First aid procedures**

**Eye contact**
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

**Skin contact**
Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops or persists. For minor skin contact, avoid spreading material on unaffected skin.
Inhalation
Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If symptoms persist, get medical attention.

Ingestion
If material is ingested, immediately contact a poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. Fire Fighting Measures

Flammable properties
Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

Extinguishing media
Suitable extinguishing media

Protection of firefighters
Specific hazards arising from the chemical
Fire may produce irritating, corrosive and/or toxic gases.

Protective equipment and precautions for firefighters
In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Cool containers with flooding quantities of water until well after fire is out.

6. Accidental Release Measures

Methods for containment
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water.

7. Handling and Storage

Handling
Pressurized container: Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not get this material in contact with eyes. Do not get this material in contact with skin. Wear personal protective equipment. Avoid prolonged exposure.

Storage
Level 1 Aerosol.
Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat, sparks, and flame. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Avoid exposure to long periods of sunlight. Keep out of the reach of children. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

8. Exposure Controls / Personal Protection

Exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylene Chloride</td>
<td>75-09-2</td>
<td>50 ppm</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Perchloroethylene</td>
<td>127-18-4</td>
<td>25 ppm</td>
<td>100 ppm</td>
<td>Not established</td>
</tr>
<tr>
<td>Propylene Oxide</td>
<td>75-56-9</td>
<td>2 ppm</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>
OSHA
Components CAS # TWA STEL Ceiling
Methylene Chloride 75-09-2 25 ppm 125 ppm Not established
Propane 74-98-6 1000 ppm Not established Not established
Perchloroethylene 127-18-4 100 ppm Not established 200 ppm
Propylene Oxide 75-56-9 100 ppm Not established Not established

Personal protective equipment
Eye / face protection Wear chemical goggles.
Skin protection Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.
Respiratory protection Wear positive pressure self-contained breathing apparatus (SCBA). If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

9. Physical & Chemical Properties

Appearance Compressed liquefied gas.
Boiling point 77 °F (25 °C) estimated
Color Off-white.
Flammability (HOC) 12.0743 kJ/g estimated
Flash back No
Flash point -156 °F (-104.4 °C) estimated
Form Aerosol.
Odor Characteristic.
pH Not applicable
Physical state Liquid.
Pressure 77 - 87 psig @ 70F
Solubility Negligible
Specific gravity 0.98 estimated

10. Chemical Stability & Reactivity Information

Conditions to avoid Heat, flames and sparks.

11. Toxicological Information

Acute effects Acute LC50: 1409 mg/l/4h estimated, Rat, Inhalation
Component analysis - LD50
Toxicology Data - Selected LD50s and LC50s
Methylene Chloride 75-09-2 Oral LD50 Rat >2000 mg/kg; Inhalation LC50 Rat 76000 mg/m3 4 h
Perchloroethylene 127-18-4 Inhalation LC50 Rat 4000 ppm 4 h; Oral LD50 Rat 2629 mg/kg; Dermal LD50 Mouse 2800 mg/kg
Propane 74-98-6 Inhalation LC50 Rat 658 mg/L 4 h
Propylene Oxide 75-56-9 Oral LD50 Rat 520 mg/kg
Sensitization Not expected to be hazardous by OSHA criteria.
Carcinogenicity Hazardous by OSHA criteria.
IARC - Group 2A (Probably Carcinogenic to Humans)
Perchloroethylene 127-18-4 Monograph 63 [1995]; Supplement 7 [1987]
IARC - Group 2B (Possibly Carcinogenic to Humans)
Methylene Chloride 75-09-2 Monograph 71 [1999]; Supplement 7 [1987]
Propylene Oxide 75-56-9 Monograph 60 [1994]; Supplement 7 [1987]
Teratogenicity Not expected to be hazardous by OSHA criteria.
12. Ecological Information

Ecotoxicity
Components of this product are hazardous to aquatic life.
LC50 23.22 mg/L estimated, Fish, 96.00 Hours,
EC50 35.02 mg/L estimated, Daphnia, 48.00 Hours,

13. Disposal Considerations

Waste codes
D001: Waste Flammable material with a flash point <140 F
D039: Waste Tetrachloroethylene

Disposal instructions
Contents under pressure. Dispose of this material and its container at hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

14. Transport Information

Department of Transportation (DOT) Requirements

Basic shipping requirements:
Proper shipping name: Consumer commodity
Hazard class: ORM-D
Subsidiary hazard class: None

Additional information:
Packaging exceptions: 156, 306
Packaging non bulk: 156, 306
Packaging bulk: None

IMDG

Basic shipping requirements:
Proper shipping name: AEROSOLS
Hazard class: 2.1
Subsidiary hazard class: 6.1
UN number: 1950
Marine pollutant: Tetrachloroethylene
Additional information:
Packaging exceptions: NOT a LTD QTY
Item: 5TF
Labels required: 2.1
+6.1
Transport Category: 1

IATA

Basic shipping requirements:
Proper shipping name: Aerosols, flammable, containing substances in Division 6.1, Packing Group III
Hazard class: 2.1
Subsidiary hazard class: 6.1
UN number: 1950
Additional information:
Packaging exceptions: LTD QTY
Labels required: 2.1, 6.1

15. Regulatory Information

US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. - CERCLA/SARA - Section 313 - Emission Reporting
Methylene Chloride 75-09-2 0.1 % de minimis concentration
Perchloroethylene 127-18-4 0.1 % de minimis concentration
Propylene Oxide 75-56-9 0.1 % de minimis concentration

Product name: Spot Lifter
Product #: 829-Spot Lifter

MSDS US
Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical

CERCLA (Superfund) reportable quantity
Methylene Chloride: 1000.0000
Perchloroethylene: 100.0000
Propylene Oxide: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
Yes

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of New and Existing Chemicals (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations
WARNING: This product contains a chemical known to the State of California to cause cancer.

U.S. - Pennsylvania - RTK (Right to Know) List
Methylene Chloride 75-09-2 Environmental hazard; Special hazardous substance
Perchloroethylene 127-18-4 Environmental hazard; Special hazardous substance
Propane 74-98-6 Present
Propylene Oxide 75-56-9 Environmental hazard; Special hazardous substance

16. Other Information
Further information
HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 2*
Flammability: 2
Physical hazard: 0

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. 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.

MSDS sections updated
Composition / Information on Ingredients: Ingredients
Hazards Identification: Emergency overview
Fire Fighting Measures: Unusual fire & explosion hazards
Handling and Storage: Storage
Physical & Chemical Properties: Physical & Chemical Properties
Transport Information: Product Shipping Name/Packing Group
Regulatory Information: Canada

Prepared by
Regulatory Compliance