



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 836-001  
**Product name** **Saw Cleaner - Pitch and Gum Remover**  
**Effective date** 25-Jan-2010  
**Company information** Sprayway, Inc.  
484 Vista Ave.  
Addison, IL 60101 United States  
**Company phone** General Assistance 1-630-628-3000  
**Emergency telephone US** 800-424-9300  
**Emergency telephone outside US** 703-527-3887  
**Version #** 06  
**Supersedes date** 10-Aug-2009

## 2. Hazards Identification

**Emergency overview** CONTENTS UNDER PRESSURE. Aerosol. Corrosive. Causes skin and eye burns. Cancer hazard. Irritating to respiratory system. Prolonged exposure may cause chronic effects.

**Potential health effects**

**Routes of exposure** Skin contact. Eye contact. Inhalation. Ingestion.

**Eyes** This product causes eye burns. Risk of serious damage to eyes.

**Skin** Causes skin burns. This product may be harmful if it is absorbed through the skin.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Causes burns. Irritating to respiratory system. Prolonged inhalation may be harmful.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.

**Target organs** Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

**Chronic effects** Central nervous system. Lungs.  
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.

**Signs and symptoms** Discomfort in the chest. Narcosis.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Diethylene Glycol Monobutyl Ether	112-34-5	8 - 10
Sodium Hydroxide	1310-73-2	5 - 8
Propane	74-98-6	1 - 3
n-Butane	106-97-8	1 - 3
Monoethanolamine	141-43-5	1 - 3
Crystalline Silica	14808-60-7	0.5 - 1
Non-hazardous and other components below reportable levels		60 - 80

## 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 immediately.

<b>Skin contact</b>	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. Get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
<b>Inhalation</b>	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. Get medical attention immediately.
<b>Ingestion</b>	If material is ingested, immediately contact a poison control center. Have victim rinse mouth thoroughly with water. 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

<b>Flammable properties</b>	Runoff to sewer may cause fire or explosion hazard.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Fire may produce irritating, corrosive and/or toxic gases.
<b>Protective equipment and precautions for firefighters</b>	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.

## 6. Accidental Release Measures

<b>Methods for containment</b>	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. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	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.

## 7. Handling and Storage

<b>Handling</b>	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. Do not get this material on clothing. Wear personal protective equipment. Avoid prolonged exposure.
<b>Storage</b>	Level 1 Aerosol. Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Do not handle or store near an open flame, heat or other sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep the container dry. Keep out of the reach of children. Store at ambient temperature and atmospheric pressure. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

## 8. Exposure Controls / Personal Protection

### Exposure limits

#### ACGIH

Components	CAS #	TWA	STEL	Ceiling
Diethylene Glycol Monobutyl Ether	112-34-5	20 ppm	Not established	Not established
Sodium Hydroxide	1310-73-2	Not established	Not established	2 mg/m3
Propane	74-98-6	1000 ppm	Not established	Not established
n-Butane	106-97-8	1000 ppm	Not established	Not established
Monoethanolamine	141-43-5	3 ppm	6 ppm	Not established
Crystalline Silica	14808-60-7	0.025 mg/m3	Not established	Not established

#### OSHA

Components	CAS #	TWA	STEL	Ceiling
Diethylene Glycol Monobutyl Ether	112-34-5	100 ppm	Not established	Not established
Sodium Hydroxide	1310-73-2	2 mg/m3	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established
Monoethanolamine	141-43-5	3 ppm	Not established	Not established

### Personal protective equipment

#### Eye / face protection

Wear chemical goggles.

#### Skin protection

Do not get this material on clothing. Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Wear chemical protective equipment that is specifically recommended by the manufacturer.

#### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. 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	384.8 °F (196.1 °C) estimated
Color	Colorless.
Flammability (HOC)	5.7 kJ/g estimated
Flash back	No
Flash point	-156 °F (-104.4 °C) Propellant
Form	Aerosol.
Odor	Ammoniacal.
pH	13 - 14
Physical state	Liquid.
Pressure	85 - 105 psig @ 70F
Solubility	Completely
Specific gravity	1.0091 estimated

## 10. Chemical Stability & Reactivity Information

Chemical stability	Risk of ignition. Instability caused by elevated temperatures. May form explosive peroxides.
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	Irritants. Toxic gas. May include oxides of nitrogen.

## 11. Toxicological Information

Acute effects	Acute LD50: 12919 mg/kg estimated, Rat, Dermal Causes burns.
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**Component analysis - LD50**

**Toxicology Data - Selected LD50s and LC50s**

Crystalline Silica	14808-60-7	Oral LD50 Rat 500 mg/kg
Diethylene Glycol Monobutyl Ether	112-34-5	Oral LD50 Rat 3384 mg/kg; Dermal LD50 Rabbit 2700 mg/kg
Monoethanolamine	141-43-5	Oral LD50 Rat 1720 mg/kg; Dermal LD50 Rabbit 1 mL/kg; Dermal LD50 Rabbit 1025 mg/kg
n-Butane	106-97-8	Inhalation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h
Sodium Hydroxide	1310-73-2	Dermal LD50 Rabbit 1350 mg/kg

**Carcinogenicity** Cancer hazard. Hazardous by OSHA criteria.

**IARC - Group 1 (Carcinogenic to Humans)**

Crystalline Silica	14808-60-7	Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources)
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**Teratogenicity** Not expected to be hazardous by OSHA criteria.

**12. Ecological Information**

**Ecotoxicity** Components of this product are hazardous to aquatic life.

LC50 703 mg/L estimated, Fish, 96.00 Hours,  
EC50 3071 mg/L estimated, Daphnia, 48.00 Hours,  
IC50 687 mg/L estimated, Algae, 72.00 Hours,

**13. Disposal Considerations**

**Waste codes** D001: Waste Flammable material with a flash point <140 F  
D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel]

**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:**

<b>Proper shipping name</b>	Consumer commodity
<b>Hazard class</b>	ORM-D
<b>Subsidiary hazard class</b>	None
<b>Additional information:</b>	
<b>Packaging exceptions</b>	156, 306
<b>Packaging non bulk</b>	156, 306
<b>Packaging bulk</b>	None

**IMDG**

**Basic shipping requirements:**

<b>Proper shipping name</b>	AEROSOLS
<b>Hazard class</b>	2.1
<b>Subsidiary hazard class</b>	8
<b>UN number</b>	1950
<b>Additional information:</b>	
<b>Packaging exceptions</b>	LTD QTY
<b>Item</b>	5FC
<b>Labels required</b>	None
<b>Transport Category</b>	If <1L: Consumer Commodity



**IATA****Basic shipping requirements:**

**Proper shipping name** Aerosols, flammable, containing substances in Class 8, Packing Group II

**Hazard class** 2.1

**Subsidiary hazard class** 8

**UN number** 1950

**Additional information:**

**Packaging exceptions** LTD QTY

**Labels required** 2.1, 8



<b>15. Regulatory Information</b>
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**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**

Diethylene Glycol Monobutyl Ether 112-34-5 1.0 % de minimis concentration (applies to R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>-OR', where n = 1,2, or 3, R=alkyl C7 or less, or R = phenyl or alkyl substituted phenyl, R' = H or alkyl C7 or less, or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate, Chemical Category N230)

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical** Yes

**CERCLA (Superfund) reportable quantity**

Sodium Hydroxide: 1000.0000

**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**

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

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**

Crystalline Silica	14808-60-7	Present (dust)
Diethylene Glycol Monobutyl Ether	112-34-5	Environmental hazard
Monoethanolamine	141-43-5	Present
n-Butane	106-97-8	Present
Propane	74-98-6	Present
Sodium Hydroxide	1310-73-2	Environmental hazard

<b>16. Other Information</b>
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**Further information** HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings** Health: 3\*  
Flammability: 2  
Physical hazard: 0  
Personal protection:

**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.

**Prepared by**

Regulatory Compliance