



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 563-002  
**Product name** **Automotive Carburetor & Choke Cleaner**  
**Effective date** 18-Jan-2012  
**Company information** Sprayway, Inc.  
1005 Westgate  
Addison, IL 60101 United States  
**Company phone** General information telephone 1-630-543-7600  
**Emergency telephone US** 1-866-836-8855  
**Emergency telephone outside US** 1-952-852-4646  
**Version #** 08  
**Supersedes date** 03-Jan-2012  
**Product use** Industrial cleaner

## 2. Hazards Identification

**Emergency overview** Aerosol. EXTREMELY FLAMMABLE  
CONTENTS UNDER PRESSURE. Will be easily ignited by heat, spark or flames.  
Irritating to eyes. Irritating to skin. Irritating to respiratory system. Prolonged exposure may cause chronic effects.

**Potential health effects**

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

**Eyes** Contact with eyes may cause irritation.

**Skin** Contact with skin may cause irritation.

**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.

**Target organs** Central nervous system. Lungs.

**Chronic effects** 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
Acetone	67-64-1	70 - 80
Toluene	108-88-3	15 - 20
Carbon Dioxide	124-38-9	3 - 5
Non-hazardous and other components below reportable levels		0.0001 - 0.1

## 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** Wash off immediately with plenty of water. Remove and isolate contaminated clothing and shoes. If skin irritation persists, call a physician.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.

**Ingestion**

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.

**Notes to physician**

Symptoms may be delayed.

<b>5. Fire Fighting Measures</b>
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**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**

Water. Alcohol foam. Dry chemical. Carbon dioxide (CO2).

**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.

<b>6. Accidental Release Measures</b>
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**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. 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.

<b>7. Handling and Storage</b>
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**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. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Avoid contact with skin. Avoid contact with eyes. Wear personal protective equipment. Avoid prolonged exposure.

**Storage**

Level 2 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 in an area equipped with sprinklers. Keep out of the reach of children. Level 2 Aerosol. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

<b>8. Exposure Controls / Personal Protection</b>
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**Exposure limits****ACGIH****Components****CAS #****TWA****STEL****Ceiling**

Acetone

67-64-1

500 ppm

750 ppm

Not established

Toluene

108-88-3

20 ppm

Not established

Not established

Carbon Dioxide

124-38-9

5000 ppm

30000 ppm

Not established

**OSHA**

Components	CAS #	TWA	STEL	Ceiling
Acetone	67-64-1	1000 ppm	Not established	Not established
Toluene	108-88-3	200 ppm	Not established	300 ppm
Carbon Dioxide	124-38-9	5000 ppm	Not established	Not established

**Personal protective equipment**

<b>Eye / face protection</b>	Wear chemical goggles.
<b>Skin protection</b>	Wear appropriate chemical resistant clothing. Protective gloves.
<b>Respiratory protection</b>	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.

<b>9. Physical &amp; Chemical Properties</b>
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<b>Appearance</b>	Compressed liquefied gas.
<b>Boiling point</b>	152.6 °F (67.2 °C) estimated
<b>Color</b>	clear colorless
<b>Density</b>	0.8055 g/cm <sup>3</sup> estimated
<b>Flammability (HOC)</b>	26.4547 kJ/g estimated
<b>Flash back</b>	Yes
<b>Flash point</b>	-156 °F (-104.4 °C) Propellant
<b>Form</b>	Liquid. Aerosol.
<b>Freezing point</b>	Not available
<b>Odor</b>	Solvent.
<b>pH</b>	Not applicable
<b>Physical state</b>	Liquid.
<b>Pressure</b>	60 - 70 psig @70F
<b>Solubility</b>	Partially
<b>Specific gravity</b>	0.8056 estimated

<b>10. Chemical Stability &amp; Reactivity Information</b>
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<b>Chemical stability</b>	Risk of ignition.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Hazardous decomposition products</b>	Irritants. Toxic gas.

<b>11. Toxicological Information</b>
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<b>Acute effects</b>	Acute LD50: 16312 mg/kg estimated, Rat, Dermal
<b>Component analysis - LD50</b>	
<b>Toxicology Data - Selected LD50s and LC50s</b>	
Acetone	67-64-1 Oral LD50 Rat 5800 mg/kg
Toluene	108-88-3 Inhalation LC50 Rat 12.5 mg/L 4 h; Inhalation LC50 Rat >26700 ppm 1 h; Oral LD50 Rat 636 mg/kg; Dermal LD50 Rabbit 8390 mg/kg; Dermal LD50 Rat 12124 mg/kg
<b>Sensitization</b>	Not expected to be hazardous by OSHA criteria.
<b>Teratogenicity</b>	Not expected to be hazardous by OSHA criteria.

<b>12. Ecological Information</b>
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<b>Ecotoxicity</b>	Components of this product are hazardous to aquatic life.
	LC50 123 mg/L, Fish, 96.00 Hours, EC50 38.23 mg/L, Daphnia, 48.00 Hours,

<b>13. Disposal Considerations</b>
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<b>Waste codes</b>	D001: Waste Flammable material with a flash point <140 F
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**Disposal instructions**

Contents under pressure. Do not puncture, incinerate or crush. Dispose of this material and its container at hazardous or special waste collection point. 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.

<b>14. Transport Information</b>
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**Department of Transportation (DOT) Requirements****Basic shipping requirements:**

<b>Proper shipping name</b>	Aerosols
<b>Hazard class</b>	2.1
<b>UN number</b>	UN1950
<b>Additional information:</b>	
<b>Special provisions</b>	153, N82
<b>Packaging exceptions</b>	LTD QTY
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None

**Further information**

Until 12/31/2013, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packagings of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/13 and may be used now in place of the "Consumer Commodity ORM-D" marking but not concurrently.

**IMDG****Basic shipping requirements:**

<b>Proper shipping name</b>	AEROSOLS
<b>Hazard class</b>	2.1
<b>UN number</b>	1950
<b>Additional information:</b>	
<b>Packaging exceptions</b>	LTD QTY
<b>Labels required</b>	None

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

<b>Proper shipping name</b>	Aerosols, flammable
<b>Hazard class</b>	2.1
<b>UN number</b>	1950
<b>Additional information:</b>	
<b>Packaging exceptions</b>	LTD QTY
<b>Labels required</b>	2.1



<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**

Toluene	108-88-3	1.0 % de minimis concentration
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**Occupational Safety and Health Administration (OSHA)**

<b>29 CFR 1910.1200 hazardous chemical</b>	Yes
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**CERCLA (Superfund) reportable quantity**

Acetone: 5000.0000  
Toluene: 1000.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Section 302 extremely hazardous substance</b>	No
<b>Section 311 hazardous chemical</b>	Yes

**Hazard categories (311/312)** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - Yes  
Reactivity Hazard - No

**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 birth defects or other reproductive harm.

**U.S. - Pennsylvania - RTK (Right to Know) List**

Acetone	67-64-1	Environmental hazard
Carbon Dioxide	124-38-9	Present
Toluene	108-88-3	Environmental hazard

**16. Other Information**

**Further information**

HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings**

Health: 1\*  
Flammability: 3  
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.

**MSDS sections updated**

Product and Company Identification: Product Review  
Hazards Identification: Eyes  
Hazards Identification: Skin  
Exposure Controls / Personal Protection: Skin and body protection  
Transport Information: Product Shipping Name/Packing Group  
Transport Information: Further information  
Regulatory Information: Canada

**Prepared by**

Regulatory Compliance