



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** 731-002  
**Product name** Auto Care Velour Shampoo & Interior Cleaner  
**Effective date** 03-Mar-2011  
**Company information** Sprayway, Inc.  
1005 Westgate  
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 #** 04  
**Supersedes date** 21-Oct-2009

## 2. Hazards Identification

**Emergency overview** Aerosol. CONTENTS UNDER PRESSURE.  
Contact with eyes may cause irritation.

**Potential health effects**

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

**Eyes** Contact may irritate or burn eyes.

**Skin** Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.

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

**Chronic effects** Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause delayed lung injury.

**Signs and symptoms** Discomfort in the chest. Narcosis. Coughing. Conjunctivitis. Defatting of the skin.

## 3. Composition / Information on Ingredients

| Components   | CAS #    | Percent |
|--|----------|---------|
| Diethylene Glycol Monobutyl Ether                          | 112-34-5 | 5 - 8   |
| n-Butane   | 106-97-8 | 1 - 3   |
| Propane  | 74-98-6  | 1 - 3   |
| Non-hazardous and other components below reportable levels |          | 80 - 90 |

## 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 and persists.

**Skin contact** Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops and persists.

**Inhalation** If symptoms develop move victim to fresh air. Call a physician if symptoms develop or persist.

**Ingestion** If ingestion of a large amount does occur, call a poison control center immediately.

**Notes to physician** Symptoms may be delayed.

## 5. Fire Fighting Measures

|  |   |
|--|---|
| <b>Flammable properties</b>                                  | Vapor or gas may spread to distant ignition sources and flash back. 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 (CO2).   |
| <b>Protection of firefighters</b>                            |   |
| <b>Protective equipment and precautions for firefighters</b> | In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up. |

## 6. Accidental Release Measures

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | 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.  |
| <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.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |

## 7. Handling and Storage

|                 |  |
|-----------------|--|
| <b>Handling</b> | Pressurized container: Do not pierce or burn, even after use. 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. Do not re-use empty containers. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure.                     |
| <b>Storage</b>  | 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 out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 1 Aerosol (NFPA 30B) |

## 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 |
| n-Butane                          | 106-97-8 | 1000 ppm | Not established | Not established |
| Propane                           | 74-98-6  | 1000 ppm | Not established | Not established |

#### OSHA

| Components                        | CAS #    | TWA      | STEL            | Ceiling         |
|-----------------------------------|----------|----------|-----------------|-----------------|
| Diethylene Glycol Monobutyl Ether | 112-34-5 | 100 ppm  | Not established | Not established |
| Propane                           | 74-98-6  | 1000 ppm | Not established | Not established |

### Personal protective equipment

|                               |  |
|-------------------------------|--|
| <b>Eye / face protection</b>  | Not normally needed.   |
| <b>Skin protection</b>        | Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear appropriate chemical resistant clothing.   |
| <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. |

## 9. Physical & Chemical Properties

|                      |                               |
|----------------------|-------------------------------|
| <b>Appearance</b>    | Aerosol.                      |
| <b>Boiling point</b> | 222.8 °F (106.1 °C) estimated |

|                           |                                    |
|---------------------------|------------------------------------|
| <b>Color</b>              | Pale yellow                        |
| <b>Density</b>            | 0.9651 g/cm <sup>3</sup> estimated |
| <b>Flammability (HOC)</b> | 4.9021 kJ/g estimated              |
| <b>Flash back</b>         | No                                 |
| <b>Flash point</b>        | -156 °F (-104.4 °C) Propellant     |
| <b>Form</b>               | Aerosol.                           |
| <b>Freezing point</b>     | Not available                      |
| <b>Odor</b>               | Characteristic.                    |
| <b>pH</b>                 | 11.5 - 12.5                        |
| <b>Physical state</b>     | Liquid.                            |
| <b>Pressure</b>           | 65 - 85 psig @70F                  |
| <b>Solubility</b>         | Partially                          |
| <b>Specific gravity</b>   | 0.9652 estimated                   |

## 10. Chemical Stability & Reactivity Information

|   |                          |
|---|--------------------------|
| <b>Chemical stability</b>               | Risk of ignition.        |
| <b>Conditions to avoid</b>              | Heat, flames and sparks. |
| <b>Hazardous decomposition products</b> | Irritants.               |

## 11. Toxicological Information

**Acute effects** Acute LD50: 34533 mg/kg estimated, Rat, Dermal

### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

|                                   |          |   |
|-----------------------------------|----------|---|
| Diethylene Glycol Monobutyl Ether | 112-34-5 | Oral LD50 Rat 3384 mg/kg; Dermal LD50 Rabbit 2700 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                        |

**Sensitization** Not expected to be hazardous by OSHA criteria.

**Teratogenicity** Not expected to be hazardous by OSHA criteria.

## 12. Ecological Information

**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

LC50 613 mg/L estimated, Fish, 96.00 Hours,  
 EC50 8678 mg/L estimated, Daphnia, 48.00 Hours,  
 IC50 179 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. Do not puncture, incinerate or crush. Dispose of this material and its container to 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.

## 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:**

**Proper shipping name** Aerosols  
**Hazard class** 2.1  
**UN number** 1950  
**Additional information:**  
**Packaging exceptions** LTD QTY  
**Labels required** None

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

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



|                                   |
|-----------------------------------|
| <b>15. Regulatory Information</b> |
|-----------------------------------|

**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**

None

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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

**Hazard categories (311/312)**  
 Immediate Hazard - Yes  
 Delayed Hazard - No  
 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) | No                     |
| 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)   | No                     |
| Korea                       | Existing Chemicals List (ECL)                              | No                     |
| 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****U.S. - Pennsylvania - RTK (Right to Know) List**

| Chemical Name                     | Inventory Number | Inventory Status     |
|-----------------------------------|------------------|----------------------|
| Diethylene Glycol Monobutyl Ether | 112-34-5         | Environmental hazard |
| n-Butane                          | 106-97-8         | Present              |
| Propane                           | 74-98-6          | Present              |

## 16. Other Information

|                              |   |
|------------------------------|---|
| <b>Further information</b>   | HMIS® is a registered trade and service mark of the NPCA.   |
| <b>HMIS® ratings</b>         | Health: 1<br>Flammability: 2<br>Physical hazard: 0  |
| <b>Disclaimer</b>            | 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 in the sheet was written based on the best knowledge and experience currently available. |
| <b>MSDS sections updated</b> | This document has undergone significant changes and should be reviewed in its entirety.   |
| <b>Prepared by</b>           | Regulatory Compliance   |