SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- Chemical Name: Mixture
- CAS No.: Mixture
- Trade Name: VELOUR AND FABRIC CLEANER
- Product Code: SP-500-7

Relevant identified uses of the substance or mixture and uses advised against

- Identified Use(s): Carpet cleaning agent
- Uses Advised Against: None
- Company Identification: Spray Products Corporation
  P.O. Box 737
  Norristown, PA 19404

Emergency telephone number

- Emergency Phone No.: Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) Flammable aerosol 2; Liquefied gas; Eye Irrit. 2

Label elements

- Hazard Symbol

Signal word(s)

- Flammable aerosol
- Contains gas under pressure; may burst if heated.
- Causes serious eye irritation.

Hazard Statement(s)

Precautionary Statement(s)

- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Wear eye/face protection.
- Wash hands and exposed skin after use.
- Protect from sunlight and do not expose to temperatures exceeding 50 ºC/122 ºF.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation continues and persists, get medical attention.
- Keep out of reach of children.

Other hazards

None known
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt. *</th>
<th>CAS No.</th>
<th>Hazard classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>1 - 5</td>
<td>74-98-6</td>
<td>Flam. Gas 1; H220; Liquefied gas; H280</td>
</tr>
<tr>
<td>Butane</td>
<td>1 - 5</td>
<td>106-97-8</td>
<td>Flam. Gas 1; H220; Liquefied gas; H280</td>
</tr>
<tr>
<td>Proprietary components</td>
<td>1 – 5</td>
<td>Trade Secret</td>
<td>Skin Irrit. 2; H315; Eye Irrit. 2; H319</td>
</tr>
<tr>
<td>Proprietary components</td>
<td>0.5 – 1</td>
<td>Trade Secret</td>
<td>Eye Dam. 1; H318</td>
</tr>
</tbody>
</table>

Additional Information: Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.

- None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

- **Inhalation**: Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
- **Skin Contact**: Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
- **Eye Contact**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.
- **Ingestion**: Do not give anything by mouth to an unconscious person. Seek medical treatment.

Most important symptoms and effects, both acute and delayed: None

Indication of any immediate medical attention and special treatment needed: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

- **Extinguishing Media**
  - Suitable Extinguishing Media: Extinguish with carbon dioxide, dry chemical, foam or water spray.
  - Unsuitable Extinguishing Media: Do not use water jet.

Special hazards arising from the substance or mixture: Highly flammable vapor (flash point below 23°C).

Advice for fire-fighters: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.
SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing vapors.

Environmental precautions
Prevent liquid entering sewers, basements and work pits.

Methods and material for containment and cleaning up
Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections
None

Additional Information
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only.

Conditions for safe storage, including any incompatibilities
- Storage temperature
  Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.
- Incompatible materials
  This product should be stored away from sources of strong heat or oxidizing chemicals.

Specific end use(s)
Carpet cleaning agent

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>(8hr TWA) PEL (OSHA)</th>
<th>(STEL) TLV (ACGIH)</th>
<th>(8hr TWA) PEL (OSHA)</th>
<th>(STEL) TLV (ACGIH)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Butane</td>
<td>106-97-8</td>
<td>-----</td>
<td>250 ppm</td>
<td>-----</td>
<td>-----</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Aspyx.³</td>
<td>-----</td>
<td>-----</td>
<td>#</td>
</tr>
</tbody>
</table>

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method
None - Not normally required.

Exposure controls
Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment
- Eye/face protection
  Wear protective eyewear (goggles, face shield, or safety glasses).

- Skin protection (Hand protection/ Other)
  Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber)
### Respiratory protection
Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.

### Thermal hazards
Not normally required. Use gloves with insulation for thermal protection, when needed.

### Environmental Exposure Controls
None known

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>-104 (Propane)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Flammable</td>
</tr>
<tr>
<td>Explosive Limit Ranges</td>
<td>2.1% - 9.5% v/v (Propane)</td>
</tr>
<tr>
<td>Vapor pressure (Pascal)</td>
<td>ca. 95 x 10⁴ (Propane)</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>ca. 1.56 @ 0 °C (Propane)</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Point (°C)</td>
<td>450 (Propane)</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity (cSt)</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidizing.</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available</td>
</tr>
</tbody>
</table>

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity
Stable under normal conditions.

### Chemical stability
Stable.

### Possibility of hazardous reactions
None anticipated.

### Conditions to avoid
Avoid contact with heat and ignition sources.

### Incompatible materials
Strong oxidizing agents

### Hazardous decomposition product(s)
None known

## SECTION 11: TOXICOLOGICAL INFORMATION

### Exposure routes:
Inhalation, Skin Contact, Eye Contact

### Acute toxicity
LD50 >5000 mg/kg-bw

### Irritation / Corrosivity
Causes serious eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

### Aquatic toxicity:
- **Short term**: Not available
- **Long Term**: Not available
VELOUR AND FABRIC CLEANER

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>U.S. DOT</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>1950</td>
<td>1950</td>
<td>1950</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Aerosols, flammable</td>
<td>Aerosols, flammable</td>
<td>Aerosols, flammable</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
<td>2.1</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>None assigned</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None assigned</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
</tbody>
</table>

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SARA 311/312 - Hazard Categories:

☑ Fire ☑ Sudden Release ☐ Reactivity ☑ Immediate (acute) ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safrole</td>
<td>94-59-7</td>
<td>&lt;0.01</td>
</tr>
</tbody>
</table>

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safrole</td>
<td>94-59-7</td>
<td>Cancer</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: July 29, 2014

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:// SECTION 3:

Hazard Statement(s)
- H220: Extremely flammable gas.
- H280: Contains gas under pressure; may explode if heated.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
Training advice: None.

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