

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: **SAFETY SOLVENT AEROSOL**  
Recommended Use: **SAFETY SOLVENT**  
Supplier: **SHARE CANADA**  
Address: **1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7**  
**Telephone Number: (204) 633-8553 Fax: (204) 633-8453**  
Emergency telephone number: **CANUTEC: (613) 996-6666**

## SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: Gas under pressure, skin irritant, serious eye damage 2A, suspected mutagen / carcinogen (category 2), single target organ toxicity (single exposure) category 3.

Symbols:



### DANGER

Hazard statements: Contains gas under pressure. May explode if heated. May cause cancer. Suspected of causing genetic defects (Route of entry – inhalation) May cause drowsiness or dizziness. Causes skin irritation. May cause an allergic skin reaction.

Precautionary statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist, vapours. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Pressurized container. Do not pierce or burn even after use. Wash hands and face thoroughly after handling. Wear protective gloves, clothing and eye protection. Do not eat, drink or smoke when using this product. Contaminated clothing must not be allowed out of the workplace. Store in a well-ventilated place. Keep out of the reach of children.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**CHEMICAL NAME** **CAS REGISTRY NUMBER** **CONCENTRATION**

|   |          |           |
|---|----------|-----------|
| Trichloroethylene, trichloroethene        | 79-01-6  | 90 – 100% |
| Carbon dioxide, liquefied, under pressure | 124-38-9 | 2.5 to 10 |

### **SECTION 4 – FIRST AID MEASURES**

- First-aid measures general : If you feel unwell seek medical advice. Show label if possible. If exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves. Show this sheet where possible.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison control centre or physician if you feel unwell.
- First-aid measures after skin contact : Take off contaminated clothing and wash it before re-use. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- First-aid measures after ingestion : Ingestion unlikely. Rinse mouth. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Symptoms/injuries after inhalation : May be narcotic if inhaled. Headache, fatigue, dizziness, nausea.

Symptoms/injuries after skin contact : Causes skin irritation. Red skin.

Symptoms/injuries after eye contact : Causes serious eye irritation. Redness of the eye tissue.

Symptoms/injuries after ingestion : May be fatal if swallowed.

Indication of immediate medical attention and special treatment indicated: Treat symptomatically Keep watching the victim. Symptoms may be delayed.

### **SECTION 5 – FIRE FIGHTING MEASURES**

Suitable extinguishing media : Dry chemical powder, water fog, foam, carbon dioxide. Adapt extinguishing media to the environment. Do not use a water jet since it may cause the fire to spread.

Fire hazard : Under fire conditions closed containers may rupture or explode. Contains gas under pressure. May explode if heated.

Reactivity : Thermal decomposition may produce hazardous gases, hydrogen chloride.

Firefighting instructions : In case of fire, stop leak if safe to do so. Move containers away from the fire area if this can be done without risk. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

General measures : Evacuate unnecessary personnel. Stay upwind / keep distance from source. Isolate from fire if possible without unnecessary risk. Avoid inhalation of the product.

#### **For non-emergency personnel**

Protective equipment : Do not enter without appropriate protective equipment. Extra personal protection : self contained breathing apparatus. Do not touch spilled material.

Emergency procedures : Ventilate the area thoroughly, especially low lying areas (basements and work-pits). Advise local authorities if considered necessary.

#### **For emergency personnel**

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area. Stop release. Stop leak if safe to do so.

Environmental precautions : Absorb and/or contain spill with inert material, the place in a suitable container. Prevent entry to drains, sewers or waterways. Avoid release to the environment.

For containment : Eliminate every possible sources of ignition. Keep combustibles away from spilled material. Stop leak if safet to do so. Clean up any spills as soon as possible using absorbent material to collect it. Prevent the product from entering drains or confined areas.

Methods for cleaning up : Following product recovery, flush area with water. Take up liquid spill into inert absorbent material.

### **SECTION 7 – HANDLING AND STORAGE**

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.

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Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container. Do not pierce or burn, even after use. Avoid breathing mist, vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not use if spray button is missing or defective. Do not spray on naked flame or any incandescent material. Do not cut, weld, solder drill, grind or expose containers to heat, flame, sparks or other sources of ignition. Ground/bond container and receiving equipment. Do not re-use empty containers. Do not get in eyes, skin or on clothing. Use only outdoors or in a well-ventilated area. Reduce / avoid exposure and / or contact. Use personal protective equipment as required. Observe normal hygiene standards.

Technical measures : Do not puncture, incinerate or crush.

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep away from children.

Heat-ignition : KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.

Storage area : Aerosol 1. Store in a cool area. Store away from heat.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Carbon dioxide, liquefied, under pressure (124-38-9)**

|       |                  |   |
|-------|------------------|---|
| ACGIH | ACGIH TWA (ppm)  | 5000 ppm TWA 8h TLV- adopted value            |
| ACGIH | ACGIH STEL (ppm) | 30,000 ppm Short term value TLV adopted value |

**Trichloroethylene, trichloroethene (79-01-6)**

|       |                  |        |
|-------|------------------|--------|
| ACGIH | ACGIH TWA (ppm)  | 10 ppm |
| ACGIH | ACGIH STEL (ppm) | 25 ppm |

ACGIH Remark CNS impair; cognitive decrements

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Appropriate engineering controls:

Ensure good ventilation of the work station. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment

Gloves. Protective goggles. Protective clothing.



Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Use appropriate personal protective equipment when risk assessment indicates this is necessary. When using, do not smoke. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off contaminated clothing and wash before re-use.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|   |                             |
|---|-----------------------------|
| Physical state                              | : Aerosol liquid.           |
| Appearance                                  | : Clear, colourless liquid. |
| Odour                                       | : Characteristic odour.     |
| Odour threshold                             | : No data available         |
| pH  | : No data available         |
| Melting point                               | : No data available         |
| Freezing point                              | : No data available         |
| Boiling point                               | : 87 C estimated            |
| Flash point                                 | : None estimated.           |
| Relative evaporation rate (butyl acetate=1) | : No data available         |
| Flammability (solid, gas)                   | : No data available         |
| Explosion limits                            | : No data available         |
| Explosive properties                        | : No data available         |

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|                                 |                          |
|---------------------------------|--------------------------|
| Oxidizing properties            | : No data available      |
| Vapor pressure                  | : No data available      |
| Relative density                | : No data available      |
| Relative vapor density at 20 °C | : No data available      |
| Specific gravity / density      | : 1.47 g/cm <sup>3</sup> |
| Solubility                      | : Insoluble in water.    |
| Log Pow                         | : No data available      |
| Log Kow                         | : No data available      |
| Auto-ignition temperature       | : No data available      |
| Decomposition temperature       | : No data available      |
| Viscosity                       | : No data available      |
| Viscosity, kinematic            | : No data available      |
| Viscosity, dynamic              | : No data available      |
| VOC content                     | : < 97 % estimated       |

#### **SECTION 10 - STABILITY AND REACTIVITY**

**Reactivity:** Thermal decomposition may produce hazardous gases, hydrogen chloride.

**Stability:** Stable under normal conditions.

**Possible hazardous reactions:** Hazardous polymerization does not occur.

**Conditions to avoid:** Heat, sparks, open flames. No sparks. Eliminate all sources of ignition, incompatible materials.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** No additional information available.

#### **SECTION 11 – TOXICOLOGICAL INFORMATION**

|                                      |                                  |
|--------------------------------------|----------------------------------|
| Acute toxicity                       | : Not classified                 |
| Skin corrosion/irritation            | : Causes skin irritation.        |
| Serious eye damage/<br>irritation    | : Causes serious eye irritation. |
| Respiratory or skin<br>sensitization | : Not classified.                |

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Germ cell mutagenicity : Suspected of causing genetic defects (inhalation).

Carcinogenicity : May cause cancer (inhalation).

| <b>Trichloroethylene, trichloroethene (79-01-6)</b> |   |
|---|---|
| IARC group  | 2A - Probably Carcinogenic to Humans              |
| National Toxicology Program (NTP) Status            | 3 - Reasonably anticipated to be Human Carcinogen |

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : May be narcotic if inhaled. Headache, fatigue, dizziness, nausea.

Symptoms/injuries after skin contact : Causes skin irritation. Red skin.

Symptoms/injuries after eye contact : Causes serious eye irritation. Redness of eye tissue.

Symptoms/injuries after ingestion : May be harmful if swallowed.

Likely routes of exposure : Inhalation, dermal.

#### **SECTION 12 - ECOLOGICAL INFORMATION**

Ecology (General): No additional information available.  
Persistence and degradability: No additional information available.  
Bioaccumulation potential: No additional information available.

#### **SECTION 13 – DISPOSAL CONSIDERATIONS**

Waste treatment methods: Contents under pressure. Do not puncture, incinerate or crush. Do not allow into drains or water courses or dispose of where ground or surface water may be affected.

Waste disposal recommendations: Dispose in a safe manner in accordance with local / national regulations. Do not dispose into sewer. This material and its container must be disposed of in a safe manner. Empty containers should be taken for recycle, recovery or waste in accordance with local regulations.

#### **SECTION 14 – TRANSPORT INFORMATION**

Product Identifier: **SAFETY SOLVENT AEROSOL**

TDG - UN 1950 – AEROSOLS Class 2.2 – Non flammable.  
Limited quantity not exceeding 1 L

**SECTION 15 - REGULATORY INFORMATION**

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

**SECTION 16 - OTHER INFORMATION**

|                       |                   |
|-----------------------|-------------------|
| Information Sources:  | SUPPLIER'S SDS    |
| Prepared by:          | SHARE CANADA      |
| Telephone:            | 1-800-665-7692    |
| Latest revision date: | February 28, 2019 |