



# SAFETY DATA SHEET

## 1. Identification

Product number 1000009599  
 Product identifier **18 OZ SW GASKET REMOVER LB 12PK**  
 Revision date 11-16-2015  
 Company information Sprayway, Inc.  
 1005 S. Westgate Drive  
 Addison, IL 60101 United States  
 Company phone General Assistance 1-630-628-3000  
 Emergency telephone US 1-866-836-8855  
 Emergency telephone outside US 1-952-852-4646  
 Version # 03  
 Supersedes date 03-18-2015  
 Recommended use Not available.  
 Recommended restrictions None known.

## 2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1  
 Health hazards Germ cell mutagenicity Category 1B  
 Carcinogenicity Category 1B  
 Reproductive toxicity Category 2  
 Specific target organ toxicity, single exposure Category 2  
 Specific target organ toxicity, repeated exposure Category 2  
 OSHA defined hazards Not classified.

### Label elements



Signal word Danger  
 Hazard statement Extremely flammable aerosol. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs. May cause damage to organs through prolonged or repeated exposure.

### Precautionary statement

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If exposed or concerned: Call a poison center/doctor.

**Storage** Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                            | Common name and synonyms | CAS number | %        |
|--|--------------------------|------------|----------|
| Methylene Chloride                       |                          | 75-09-2    | 60 - 80  |
| Butane                                   |                          | 106-97-8   | 2.5 - 10 |
| Methanol                                 |                          | 67-56-1    | 2.5 - 10 |
| Propane                                  |                          | 74-98-6    | 2.5 - 10 |
| Toluene                                  |                          | 108-88-3   | 2.5 - 10 |
| Propylene Oxide                          |                          | 75-56-9    | 0.1 - 1  |
| Other components below reportable levels |                          |            | 1 - 2.5  |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

|   |   |
|---|---|
| <b>Inhalation</b>   | If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.  |
| <b>Skin contact</b>   | Wash off with soap and water. Get medical attention if irritation develops and persists.  |
| <b>Eye contact</b>  | Rinse with water. Get medical attention if irritation develops and persists.  |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.   |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Dizziness. Nausea. Prolonged exposure may cause chronic effects.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |
| <b>General information</b>  | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. |

#### 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Not available.   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.  |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.          |
| <b>General fire hazards</b>  | Extremely flammable aerosol.   |

#### 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| <b>Methods and materials for containment and cleaning up</b>               | Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see section 13 of the SDS.                          |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.  |

## 7. Handling and storage

### 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. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Level 1 Aerosol (NFPA 30B)

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| Components                       | Type | Value   |
|----------------------------------|------|---------|
| Methylene Chloride (CAS 75-09-2) | STEL | 125 ppm |
|                                  | TWA  | 25 ppm  |

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                    | Type                  | Value                |
|-------------------------------|-----------------------|----------------------|
| Methanol (CAS 67-56-1)        | PEL                   | 260 mg/m3<br>200 ppm |
|                               | Propane (CAS 74-98-6) | PEL                  |
| Propylene Oxide (CAS 75-56-9) |                       | PEL                  |

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

| Components             | Type    | Value   |
|------------------------|---------|---------|
| Toluene (CAS 108-88-3) | Ceiling | 300 ppm |
|                        | TWA     | 200 ppm |

#### US. ACGIH Threshold Limit Values

| Components                       | Type | Value    |
|----------------------------------|------|----------|
| Butane (CAS 106-97-8)            | STEL | 1000 ppm |
| Methanol (CAS 67-56-1)           | STEL | 250 ppm  |
|                                  | TWA  | 200 ppm  |
| Methylene Chloride (CAS 75-09-2) | TWA  | 50 ppm   |
| Propylene Oxide (CAS 75-56-9)    | TWA  | 2 ppm    |
| Toluene (CAS 108-88-3)           | TWA  | 20 ppm   |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components            | Type                   | Value                  |
|-----------------------|------------------------|------------------------|
| Butane (CAS 106-97-8) | TWA                    | 1900 mg/m3<br>800 ppm  |
|                       | Methanol (CAS 67-56-1) | STEL                   |
| TWA                   |                        | 260 mg/m3<br>200 ppm   |
| Propane (CAS 74-98-6) | TWA                    | 1800 mg/m3<br>1000 ppm |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components             | Type | Value                 |
|------------------------|------|-----------------------|
| Toluene (CAS 108-88-3) | STEL | 560 mg/m <sup>3</sup> |
|                        |      | 150 ppm               |
|                        | TWA  | 375 mg/m <sup>3</sup> |
|                        |      | 100 ppm               |

**Biological limit values****ACGIH Biological Exposure Indices**

| Components                       | Value     | Determinant               | Specimen            | Sampling Time |
|----------------------------------|-----------|---------------------------|---------------------|---------------|
| Methanol (CAS 67-56-1)           | 15 mg/l   | Methanol                  | Urine               | *             |
| Methylene Chloride (CAS 75-09-2) | 0.3 mg/l  | Dichloromethane           | Urine               | *             |
| Toluene (CAS 108-88-3)           | 0.3 mg/g  | o-Cresol, with hydrolysis | Creatinine in urine | *             |
|                                  | 0.03 mg/l | Toluene                   | Urine               | *             |
|                                  | 0.02 mg/l | Toluene                   | Blood               | *             |

\* - For sampling details, please see the source document.

**Exposure guidelines****US - California OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Methanol (CAS 67-56-1)

Skin designation applies.

Toluene (CAS 108-88-3)

Skin designation applies.

**US - Tennessee OELs: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. 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.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

If contact is likely, safety glasses with side shields are recommended.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Other**

Use of an impervious apron is recommended.

**Respiratory protection**

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance****Physical state**

Gas.

**Form**

Aerosol.

**Color**

Not available.

**Odor**

Not available.

**Odor threshold**

Not available.

**pH**

Not applicable estimated

|   |   |
|---|---|
| <b>Melting point/freezing point</b>                 | Not available.                            |
| <b>Initial boiling point and boiling range</b>      | Not available.                            |
| <b>Flash point</b>                                  | -156.0 °F (-104.4 °C) estimated estimated |
| <b>Evaporation rate</b>                             | Not available.                            |
| <b>Flammability (solid, gas)</b>                    | Not available.                            |
| <b>Upper/lower flammability or explosive limits</b> |   |
| <b>Flammability limit - lower (%)</b>               | 10.4 % estimated                          |
| <b>Flammability limit - upper (%)</b>               | 17.5 % estimated                          |
| <b>Explosive limit - lower (%)</b>                  | Not available.                            |
| <b>Explosive limit - upper (%)</b>                  | Not available.                            |
| <b>Vapor pressure</b>                               | 30 - 40 psig @ 70F estimated              |
| <b>Vapor density</b>                                | Not available.                            |
| <b>Relative density</b>                             | Not available.                            |
| <b>Solubility(ies)</b>                              |   |
| <b>Solubility (water)</b>                           | Not available.                            |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                            |
| <b>Auto-ignition temperature</b>                    | 1033 °F (556.11 °C) estimated             |
| <b>Decomposition temperature</b>                    | Not available.                            |
| <b>Viscosity</b>                                    | Not available.                            |
| <b>Other information</b>                            |   |
| <b>Explosive properties</b>                         | Not explosive.                            |
| <b>Oxidizing properties</b>                         | Not oxidizing.                            |
| <b>Specific gravity</b>                             | 1.038 estimated estimated                 |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Nitrates. Fluorine. Chlorine.  |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause damage to organs by inhalation. May cause damage to organs through prolonged or repeated exposure by inhalation. |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.   |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.   |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.   |

**Symptoms related to the physical, chemical and toxicological characteristics** Dizziness. Nausea.

### Information on toxicological effects

#### Acute toxicity

| Product                          | Species | Test Results                                    |
|----------------------------------|---------|---|
| 18 OZ SW GASKET REMOVER LB 12PK  |         |   |
| <b>Acute</b>                     |         |   |
| <b>Inhalation</b>                |         |   |
| LC50                             | Rat     | 249 mg/l/4h                                     |
| <b>Oral</b>                      |         |   |
| LD50                             | Rat     |   |
| <b>Components</b>                |         |   |
| Butane (CAS 106-97-8)            |         |   |
| <b>Acute</b>                     |         |   |
| <b>Inhalation</b>                |         |   |
| LC50                             | Mouse   | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes     |
|                                  | Rat     | 1355 mg/l                                       |
| Methanol (CAS 67-56-1)           |         |   |
| <b>Acute</b>                     |         |   |
| <b>Inhalation</b>                |         |   |
| LC50                             | Cat     | 85.41 mg/l, 4.5 Hours<br>43.68 mg/l, 6 Hours    |
|                                  | Mouse   | 79.43 mg/l, 134 Minutes                         |
|                                  | Rat     | > 115.9 mg/l, 4 Hours<br>82.1 mg/l, 6 Hours     |
| <b>Oral</b>                      |         |   |
| LD50                             | Pig     | > 5000 mg/kg                                    |
|                                  | Rat     | 1187 - 2769 mg/kg                               |
| Methylene Chloride (CAS 75-09-2) |         |   |
| <b>Acute</b>                     |         |   |
| <b>Dermal</b>                    |         |   |
| LD50                             | Rat     | > 2000 mg/kg, Days                              |
| <b>Inhalation</b>                |         |   |
| <i>Vapor</i>                     |         |   |
| LC50                             | Mouse   | 49000 mg/m3, 7 Hours                            |
| <b>Oral</b>                      |         |   |
| LD50                             | Rat     | > 2000 mg/kg                                    |
| Propane (CAS 74-98-6)            |         |   |
| <b>Acute</b>                     |         |   |
| <b>Inhalation</b>                |         |   |
| LC50                             | Mouse   | 1237 mg/l, 120 Minutes<br>52 %, 120 Minutes     |
|                                  | Rat     | 1355 mg/l<br>658 mg/l/4h                        |
| Propylene Oxide (CAS 75-56-9)    |         |   |
| <b>Acute</b>                     |         |   |
| <b>Dermal</b>                    |         |   |
| LD50                             | Rabbit  | 950 - 1250 mg/kg, 4 Hours<br>1.5 ml/kg, 4 Hours |
| <b>Inhalation</b>                |         |   |
| LC50                             | -       | 4197 ppm, 4 Hours<br>4124 mg/m3, 4 Hours        |

From the library of: Superior Sewing Machine & Supply LLC

| Components                | Species | Test Results                                   |
|---------------------------|---------|--|
| <b>Oral</b><br>LD50       | Rat     | 382 - 587 mg/kg                                |
| Toluene (CAS 108-88-3)    |         |  |
| <b>Acute</b>              |         |  |
| <b>Dermal</b><br>LD50     | Rabbit  | > 5000 mg/kg, 24 Hours                         |
| <b>Inhalation</b><br>LC50 | Mouse   | 6405 - 7436 ppm, 6 Hours<br>5320 ppm, 8 Hours  |
|                           | Rat     | 5879 - 6281 ppm, 6 Hours<br>25.7 mg/l, 4 Hours |
| <b>Oral</b><br>LD50       | Rat     | > 5000 mg/kg                                   |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.  
**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**ACGIH sensitization**

Propylene Oxide (CAS 75-56-9) Dermal sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Methylene Chloride (CAS 75-09-2) 2A Probably carcinogenic to humans.  
 Propylene Oxide (CAS 75-56-9) 2B Possibly carcinogenic to humans.  
 Toluene (CAS 108-88-3) 3 Not classifiable as to carcinogenicity to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Methylene Chloride (CAS 75-09-2) Cancer

**US. National Toxicology Program (NTP) Report on Carcinogens**

Methylene Chloride (CAS 75-09-2) Reasonably Anticipated to be a Human Carcinogen.  
 Propylene Oxide (CAS 75-56-9) Reasonably Anticipated to be a Human Carcinogen.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure** May cause damage to organs.

**Specific target organ toxicity - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not likely, due to the form of the product.

**Chronic effects** May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

**12. Ecological information**

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Product                         | Species      | Test Results       |
|---------------------------------|--------------|--------------------|
| 18 OZ SW GASKET REMOVER LB 12PK |              |                    |
| <b>Aquatic</b>                  |              |                    |
| Crustacea                       | EC50 Daphnia | 289 mg/L, 48 Hours |
| Fish                            | LC50 Fish    | 184 mg/L, 96 Hours |

| Components                       | Species |  | Test Results                 |
|----------------------------------|---------|--|------------------------------|
| Methanol (CAS 67-56-1)           |         |  |                              |
| <b>Aquatic</b>                   |         |  |                              |
| Crustacea                        | EC50    | Water flea (Daphnia magna)                       | > 10000 mg/l, 48 hours       |
| Fish                             | LC50    | Fathead minnow (Pimephales promelas)             | > 100 mg/l, 96 hours         |
| Methylene Chloride (CAS 75-09-2) |         |  |                              |
| <b>Aquatic</b>                   |         |  |                              |
| Algae                            | IC50    | Algae  | 500.0001 mg/L, 72 Hours      |
| Crustacea                        | EC50    | Daphnia  | 1689.5 mg/L, 48 Hours        |
|                                  |         | Water flea (Daphnia magna)                       | 1250 mg/l, 48 hours          |
| Fish                             | LC50    | Fathead minnow (Pimephales promelas)             | 140.8 - 277.8 mg/l, 96 hours |
| Propylene Oxide (CAS 75-56-9)    |         |  |                              |
| <b>Aquatic</b>                   |         |  |                              |
| Crustacea                        | EC50    | Daphnia  | 350 mg/L, 48 Hours           |
| Toluene (CAS 108-88-3)           |         |  |                              |
| <b>Aquatic</b>                   |         |  |                              |
| Algae                            | IC50    | Algae  | 433.0001 mg/L, 72 Hours      |
| Crustacea                        | EC50    | Daphnia  | 7.645 mg/L, 48 Hours         |
|                                  |         | Water flea (Daphnia magna)                       | 5.46 - 9.83 mg/l, 48 hours   |
| Fish                             | LC50    | Coho salmon,silver salmon (Oncorhynchus kisutch) | 8.11 mg/l, 96 hours          |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

|                    |       |
|--------------------|-------|
| Butane             | 2.89  |
| Methanol           | -0.77 |
| Methylene Chloride | 1.25  |
| Propane            | 2.36  |
| Propylene Oxide    | 0.03  |
| Toluene            | 2.73  |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**13. Disposal considerations**

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**14. Transport information**

**DOT**

|                                   |  |
|-----------------------------------|--|
| <b>UN number</b>                  | UN1950   |
| <b>UN proper shipping name</b>    | Aerosols, flammable, (each not exceeding 1 L capacity) |
| <b>Transport hazard class(es)</b> |  |
| <b>Class</b>                      | 2.1  |



|                                     |   |
|-------------------------------------|---|
| <b>Subsidiary risk</b>              | -   |
| <b>Label(s)</b>                     | 2.1   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | N82   |
| <b>Packaging exceptions</b>         | 306   |
| <b>Packaging non bulk</b>           | None  |
| <b>Packaging bulk</b>               | None  |

**IATA**

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | Aerosols, flammable   |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 2.1   |
| <b>Subsidiary risk</b>              | -   |
| <b>Label(s)</b>                     | 2.1   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Environmental hazards</b>        | No.   |
| <b>ERG Code</b>                     | 10L   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Other information</b>            |   |
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions.  |
| <b>Cargo aircraft only</b>          | Allowed with restrictions.  |
| <b>Packaging Exceptions</b>         | LTD QTY   |

**IMDG**

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | AEROSOLS  |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 2.1   |
| <b>Subsidiary risk</b>              | -   |
| <b>Label(s)</b>                     | 2.1   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Environmental hazards</b>        |   |
| <b>Marine pollutant</b>             | No.   |
| <b>EmS</b>                          | F-D, S-U  |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Packaging Exceptions</b>         | LTD QTY   |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**DOT**





## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### CERCLA Hazardous Substance List (40 CFR 302.4)

|                                  |         |
|----------------------------------|---------|
| Methanol (CAS 67-56-1)           | Listed. |
| Methylene Chloride (CAS 75-09-2) | Listed. |
| Propylene Oxide (CAS 75-56-9)    | Listed. |
| Toluene (CAS 108-88-3)           | Listed. |

### SARA 304 Emergency release notification

|                               |         |
|-------------------------------|---------|
| Propylene Oxide (CAS 75-56-9) | 100 LBS |
|-------------------------------|---------|

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

|                                  |   |
|----------------------------------|---|
| Methylene Chloride (CAS 75-09-2) | Cancer<br>Heart<br>Central nervous system<br>Liver<br>Skin irritation<br>Eye irritation |
|----------------------------------|---|

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

|                          |   |
|--------------------------|---|
| <b>Hazard categories</b> | Immediate Hazard - Yes<br>Delayed Hazard - Yes<br>Fire Hazard - Yes<br>Pressure Hazard - No<br>Reactivity Hazard - No |
|--------------------------|---|

### SARA 302 Extremely hazardous substance

| Chemical name | CAS number | Reportable quantity | Threshold planning quantity | Threshold planning quantity, lower value | Threshold planning quantity, upper value |
|---------------|------------|---------------------|-----------------------------|--|--|
|---------------|------------|---------------------|-----------------------------|--|--|

|                 |         |     |           |  |  |
|-----------------|---------|-----|-----------|--|--|
| Propylene Oxide | 75-56-9 | 100 | 10000 lbs |  |  |
|-----------------|---------|-----|-----------|--|--|

**SARA 311/312 Hazardous chemical** No

### SARA 313 (TRI reporting)

| Chemical name      | CAS number | % by wt. |
|--------------------|------------|----------|
| Methylene Chloride | 75-09-2    | 60 - 80  |
| Methanol           | 67-56-1    | 2.5 - 10 |
| Toluene            | 108-88-3   | 2.5 - 10 |
| Propylene Oxide    | 75-56-9    | 0.1 - 1  |

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Methanol (CAS 67-56-1)  
Methylene Chloride (CAS 75-09-2)  
Propylene Oxide (CAS 75-56-9)  
Toluene (CAS 108-88-3)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)  
Propylene Oxide (CAS 75-56-9)

**Safe Drinking Water Act (SDWA)** Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

Toluene (CAS 108-88-3) 6594

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Toluene (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

Toluene (CAS 108-88-3) 594

**US state regulations**

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Butane (CAS 106-97-8)  
Methanol (CAS 67-56-1)  
Methylene Chloride (CAS 75-09-2)  
Propylene Oxide (CAS 75-56-9)  
Toluene (CAS 108-88-3)

**US. Massachusetts RTK - Substance List**

Butane (CAS 106-97-8)  
Methanol (CAS 67-56-1)  
Methylene Chloride (CAS 75-09-2)  
Propane (CAS 74-98-6)  
Propylene Oxide (CAS 75-56-9)  
Toluene (CAS 108-88-3)

**US. New Jersey Worker and Community Right-to-Know Act**

Butane (CAS 106-97-8)  
Methanol (CAS 67-56-1)  
Methylene Chloride (CAS 75-09-2)  
Propane (CAS 74-98-6)  
Propylene Oxide (CAS 75-56-9)  
Toluene (CAS 108-88-3)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Butane (CAS 106-97-8)  
Methanol (CAS 67-56-1)  
Methylene Chloride (CAS 75-09-2)  
Propane (CAS 74-98-6)  
Propylene Oxide (CAS 75-56-9)  
Toluene (CAS 108-88-3)

**US. Rhode Island RTK**

Butane (CAS 106-97-8)  
Methanol (CAS 67-56-1)  
Methylene Chloride (CAS 75-09-2)  
Propane (CAS 74-98-6)  
Propylene Oxide (CAS 75-56-9)  
Toluene (CAS 108-88-3)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Methylene Chloride (CAS 75-09-2) Listed: April 1, 1988  
Propylene Oxide (CAS 75-56-9) Listed: October 1, 1988

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

Methanol (CAS 67-56-1) Listed: March 16, 2012  
Toluene (CAS 108-88-3) Listed: January 1, 1991

**International Inventories**

| Country(s) or region | Inventory name                                     | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS) | No                     |
| Canada               | Domestic Substances List (DSL)                     | Yes                    |

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (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                     |
| New Zealand                 | New Zealand Inventory  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | 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)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

|                             |  |
|-----------------------------|--|
| <b>Issue date</b>           | 08-05-2014   |
| <b>Revision date</b>        | 11-16-2015   |
| <b>Version #</b>            | 03   |
| <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. |
| <b>Revision information</b> | This document has undergone significant changes and should be reviewed in its entirety.  |

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