



# SAFETY DATA SHEET

## 1. Identification

|   |   |                |
|---|---|----------------|
| <b>Product identifier</b>                                     | <b>CARB MEDIC CARBURETOR CLEANER</b>  |                |
| <b>Other means of identification</b>                          |   |                |
| <b>SDS number</b>   | M4814   |                |
| <b>Part No.</b>   | M4814, M4824  |                |
| <b>Tariff code</b>  | 3814.00.2000  |                |
| <b>Recommended use</b>  | Carburetor Cleaner  |                |
| <b>Recommended restrictions</b>                               | This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal. |                |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |                |
| <b>Manufacturer</b>   |   |                |
| <b>Company name</b>   | Blumenthal Brands Integrated, LLC   |                |
| <b>Address</b>  | 600 Radiator Road<br>Indian Trail, NC 28079   |                |
| <b>Telephone</b>  | Customer Service  | (704) 821-7643 |
|   | Technical   | (704) 821-7643 |
| <b>Website</b>  | www.solvewithB.com  |                |
| <b>E-mail</b>   | sds@solvewithB.com  |                |
| <b>Emergency phone number</b>                                 | Poison Control (RMPDC)  | (303) 623-5716 |
|   | Poison Control (RMPDC)  | (877) 740-5015 |

## 2. Hazard(s) identification

|                              |  |                             |
|------------------------------|--|-----------------------------|
| <b>Physical hazards</b>      | Flammable aerosols                                     | Category 2                  |
| <b>Health hazards</b>        | Acute toxicity, oral                                   | Category 4                  |
|                              | Skin corrosion/irritation                              | Category 2                  |
|                              | Serious eye damage/eye irritation                      | Category 2A                 |
|                              | Carcinogenicity  | Category 1B                 |
|                              | Reproductive toxicity                                  | Category 1A                 |
|                              | Specific target organ toxicity, single exposure        | Category 1                  |
|                              | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |
|                              | Specific target organ toxicity, repeated exposure      | Category 1                  |
|                              | Aspiration hazard                                      | Category 1                  |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 2                  |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 2                  |
| <b>OSHA defined hazards</b>  | Not classified.  |                             |
| <b>Label elements</b>        |  |                             |



**Signal word** Danger

**Hazard statement** Flammable aerosol. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

## Precautionary statement

|  |   |
|--|---|
| <b>Prevention</b>                                | 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 mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.   |
| <b>Response</b>                                  | If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed: Call a poison center/doctor. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. |
| <b>Storage</b>                                   | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.   |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.   |
| <b>Supplemental information</b>                  | 2.99% of the mixture consists of component(s) of unknown acute oral toxicity.<br><br>5.89% of the mixture consists of component(s) of unknown acute dermal toxicity. NOTE: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The container label may not include the OSHA label elements listed in this document. Always carefully review the entire SDS and the product label prior to use in the workplace.   |

## 3. Composition/information on ingredients

### Mixtures

| Chemical name   | Common name and synonyms | CAS number | %         |
|-----------------|--------------------------|------------|-----------|
| Dichloromethane |                          | 75-09-2    | 60 - < 70 |
| Toluene         |                          | 108-88-3   | 10 - < 20 |
| Xylene          |                          | 1330-20-7  | 10 - < 20 |
| Carbon Dioxide  |                          | 124-38-9   | 1 - < 3   |
| Ethylbenzene    |                          | 100-41-4   | 1 - < 3   |

\*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>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.  |
| <b>Skin contact</b>   | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  |
| <b>Eye contact</b>  | 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.  |
| <b>Ingestion</b>  | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. 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 warm. 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

**Suitable extinguishing media** Foam. Powder. Carbon dioxide (CO2).

|  |  |
|--|--|
| <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. In the event of fire and/or explosion do not breathe fumes.   |
| <b>General fire hazards</b>  | 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 mist or vapor. 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>   | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.  |

## 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions for safe handling</b>                                | 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 taste or swallow. Avoid contact with eyes, skin, and clothing. 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. Avoid release to the environment. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Level 1 Aerosol.<br><br>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 in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).  |

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

| Components                    | Type | Value   |
|-------------------------------|------|---------|
| Dichloromethane (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      |
|-------------------------------|------|------------|
| Carbon Dioxide (CAS 124-38-9) | PEL  | 9000 mg/m3 |
|                               |      | 5000 ppm   |
| Ethylbenzene (CAS 100-41-4)   | PEL  | 435 mg/m3  |
|                               |      | 100 ppm    |
| Xylene (CAS 1330-20-7)        | PEL  | 435 mg/m3  |
|                               |      | 100 ppm    |

**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     |
|-------------------------------|------|-----------|
| Carbon Dioxide (CAS 124-38-9) | STEL | 30000 ppm |
|                               | TWA  | 5000 ppm  |
| Dichloromethane (CAS 75-09-2) | TWA  | 50 ppm    |
|                               |      |           |
| Ethylbenzene (CAS 100-41-4)   | TWA  | 20 ppm    |
|                               |      |           |
| Toluene (CAS 108-88-3)        | TWA  | 20 ppm    |
|                               |      |           |
| Xylene (CAS 1330-20-7)        | STEL | 150 ppm   |
|                               | TWA  | 100 ppm   |

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

| Components                    | Type | Value                  |
|-------------------------------|------|------------------------|
| Carbon Dioxide (CAS 124-38-9) | STEL | 54000 mg/m3            |
|                               |      | 30000 ppm              |
|                               | TWA  | 9000 mg/m3<br>5000 ppm |
| Ethylbenzene (CAS 100-41-4)   | STEL | 545 mg/m3              |
|                               |      | 125 ppm                |
|                               | TWA  | 435 mg/m3<br>100 ppm   |
| Toluene (CAS 108-88-3)        | STEL | 560 mg/m3              |
|                               |      | 150 ppm                |
|                               | TWA  | 375 mg/m3<br>100 ppm   |
| Xylene (CAS 1330-20-7)        | STEL | 655 mg/m3              |
|                               |      | 150 ppm                |
|                               | TWA  | 435 mg/m3<br>100 ppm   |

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

| Components                    | Value    | Determinant     | Specimen | Sampling Time |
|-------------------------------|----------|-----------------|----------|---------------|
| Dichloromethane (CAS 75-09-2) | 0.3 mg/l | Dichloromethane | Urine    | *             |

**ACGIH Biological Exposure Indices**

| Components                  | Value     | Determinant                                   | Specimen            | Sampling Time |
|-----------------------------|-----------|---|---------------------|---------------|
| Ethylbenzene (CAS 100-41-4) | 0.15 g/g  | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in 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               | *             |
| Xylene (CAS 1330-20-7)      | 1.5 g/g   | Methylhippuric acids                          | Creatinine in urine | *             |

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

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

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

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

Toluene (CAS 108-88-3)

Skin designation applies.

**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. Provide eyewash station and safety shower.

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

Chemical respirator with organic vapor cartridge and full facepiece.

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

Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection**

Chemical respirator with organic vapor cartridge and full facepiece. Chemical respirator with organic vapor cartridge and full facepiece if threshold limits are exceeded.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. 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

|   |                                  |
|---|----------------------------------|
| <b>Appearance</b>                                   | Clear.                           |
| <b>Physical state</b>                               | Liquid.                          |
| <b>Form</b>   | Aerosol.                         |
| <b>Color</b>  | Colorless                        |
| <b>Odor</b>   | Typical Hydrocarbon/Chlorinated  |
| <b>Odor threshold</b>                               | Not available.                   |
| <b>pH</b>   | Not available.                   |
| <b>Melting point/freezing point</b>                 | -138.96 °F (-94.98 °C) estimated |
| <b>Initial boiling point and boiling range</b>      | Not available.                   |
| <b>Flash point</b>                                  | 50.4 °F (10.2 °C) estimated      |
| <b>Evaporation rate</b>                             | Not available.                   |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                  |
| <b>Upper/lower flammability or explosive limits</b> |                                  |
| <b>Flammability limit - lower (%)</b>               | 1.3 % estimated                  |

|  |                                  |
|--|----------------------------------|
| <b>Flammability limit - upper (%)</b>          | 7 % estimated                    |
| <b>Explosive limit - lower (%)</b>             | Not available.                   |
| <b>Explosive limit - upper (%)</b>             | Not available.                   |
| <b>Vapor pressure</b>                          | 579.94 hPa 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>               | 1003.94 °F (539.97 °C) estimated |
| <b>Decomposition temperature</b>               | Not available.                   |
| <b>Viscosity</b>                               | < 1 cSt                          |
| <b>Other information</b>                       |                                  |
| <b>Density</b>                                 | 9.43833 lbs/gal estimated        |
| <b>Explosive properties</b>                    | Not explosive.                   |
| <b>Flame extension</b>                         | < 0 cm                           |
| <b>Heat of combustion</b>                      | 10.9 kJ/g estimated              |
| <b>Heat of combustion (NFPA 30B)</b>           | 10.92 kJ/g estimated             |
| <b>Oxidizing properties</b>                    | Not oxidizing.                   |
| <b>Percent volatile</b>                        | 97 % estimated                   |
| <b>Specific gravity</b>                        | 1.13102 estimated                |
| <b>VOC</b>                                     | 44 % w/w                         |

## 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>                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong acids. Strong oxidizing agents. Halogens.  |
| <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 drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes skin irritation.  |
| <b>Eye contact</b>  | Causes serious eye irritation.   |
| <b>Ingestion</b>    | Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.   |

**Symptoms related to the physical, chemical and toxicological characteristics**      Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity**      May be fatal if swallowed and enters airways.

| Components  | Species   | Test Results              |
|---|---|---------------------------|
| Dichloromethane (CAS 75-09-2)   |   |                           |
| <b>Acute</b>  |   |                           |
| <b>Dermal</b>   |   |                           |
| LD50  | Rat   | > 2000 mg/kg, Days        |
| <b>Inhalation</b>   |   |                           |
| LC50  | Rat   | 52 mg/l, 6 Hours          |
| <b>Oral</b>   |   |                           |
| LD50  | Rat   | 1600 mg/kg                |
| Ethylbenzene (CAS 100-41-4)   |   |                           |
| <b>Acute</b>  |   |                           |
| <b>Oral</b>   |   |                           |
| LD50  | Rat   | 3500 mg/kg                |
| Toluene (CAS 108-88-3)  |   |                           |
| <b>Acute</b>  |   |                           |
| <b>Dermal</b>   |   |                           |
| LD50  | Rabbit  | > 5000 mg/kg, 24 Hours    |
| <b>Inhalation</b>   |   |                           |
| LC50  | Rat   | 12.5 - 28.8 mg/l, 4 Hours |
| <b>Oral</b>   |   |                           |
| LD50  | Rat   | 2.6 g/kg                  |
| Xylene (CAS 1330-20-7)  |   |                           |
| <b>Acute</b>  |   |                           |
| <b>Dermal</b>   |   |                           |
| LD50  | Rabbit  | 12130 mg/kg, 24 Hours     |
| <b>Inhalation</b>   |   |                           |
| LC50  | Rat   | 6350 mg/l, 4 Hours        |
| <b>Oral</b>   |   |                           |
| LD50  | Rat   | 3523 - 8600 mg/kg         |
| <b>Skin corrosion/irritation</b>                                      | Causes skin irritation.   |                           |
| <b>Serious eye damage/eye irritation</b>                              | Causes serious eye irritation.  |                           |
| <b>Respiratory or skin sensitization</b>                              |   |                           |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.   |                           |
| <b>Skin sensitization</b>   | This product is not expected to cause skin sensitization.   |                           |
| <b>Germ cell mutagenicity</b>   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  |                           |
| <b>Carcinogenicity</b>  | May cause cancer.   |                           |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |   |                           |
| Dichloromethane (CAS 75-09-2)   | 2A Probably carcinogenic to humans.   |                           |
| Ethylbenzene (CAS 100-41-4)   | 2B Possibly carcinogenic to humans.   |                           |
| Toluene (CAS 108-88-3)  | 3 Not classifiable as to carcinogenicity to humans.   |                           |
| Xylene (CAS 1330-20-7)  | 3 Not classifiable as to carcinogenicity to humans.   |                           |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)</b> |   |                           |
| Dichloromethane (CAS 75-09-2)   | Cancer  |                           |
| <b>US. National Toxicology Program (NTP) Report on Carcinogens</b>    |   |                           |
| Dichloromethane (CAS 75-09-2)   | Reasonably Anticipated to be a Human Carcinogen.  |                           |
| <b>Reproductive toxicity</b>  | Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. May damage fertility or the unborn child. |                           |
| <b>Specific target organ toxicity - single exposure</b>               | Causes damage to organs. May cause drowsiness and dizziness.  |                           |
| <b>Specific target organ toxicity - repeated exposure</b>             | Causes damage to organs through prolonged or repeated exposure.   |                           |

|                          |  |
|--------------------------|--|
| <b>Aspiration hazard</b> | May be fatal if swallowed and enters airways.  |
| <b>Chronic effects</b>   | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Components                    | Species | Test Results  |
|-------------------------------|---------|---|
| Dichloromethane (CAS 75-09-2) |         |   |
| <b>Aquatic</b>                |         |   |
| Crustacea                     | EC50    | Water flea (Daphnia magna) 1250 mg/l, 48 hours                        |
| Fish                          | LC50    | Fathead minnow (Pimephales promelas) 140.8 - 277.8 mg/l, 96 hours     |
| Ethylbenzene (CAS 100-41-4)   |         |   |
| <b>Aquatic</b>                |         |   |
| Crustacea                     | EC50    | Water flea (Daphnia magna) 1.37 - 4.4 mg/l, 48 hours                  |
| Fish                          | LC50    | Fathead minnow (Pimephales promelas) 7.5 - 11 mg/l, 96 hours          |
| Toluene (CAS 108-88-3)        |         |   |
| <b>Aquatic</b>                |         |   |
| Crustacea                     | EC50    | 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 |
| Xylene (CAS 1330-20-7)        |         |   |
| <b>Aquatic</b>                |         |   |
| Fish                          | LC50    | Bluegill (Lepomis macrochirus) 7.711 - 9.591 mg/l, 96 hours           |

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

### Bioaccumulative potential

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

|                 |            |
|-----------------|------------|
| Dichloromethane | 1.25       |
| Ethylbenzene    | 3.15       |
| Toluene         | 2.73       |
| Xylene          | 3.12 - 3.2 |

**Mobility in soil** No data available.

**Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

## 13. Disposal considerations

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>                  | D001: Waste Flammable material with a flash point <140 F<br>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | 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).   |
| <b>Contaminated packaging</b>                | 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, MARINE POLLUTANT (TOLUENE), Limited Quantity |



**Transport hazard class(es)**

**Class** 2.1  
**Subsidiary risk** 6.1(PGIII)  
**Label(s)** 2.1

**Packing group** Not available.

**Environmental hazards**

**Marine pollutant** Yes

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Packaging exceptions** 306

**Packaging non bulk** 302, 304

**Packaging bulk** 302, 314, 315

**IATA**

**UN number** UN1950

**UN proper shipping name** Aerosol, flammable, Limited Quantity

**Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** 6.1

**Packing group** Not available.

**Environmental hazards** Yes

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**IMDG**

**UN number** UN1950

**UN proper shipping name** Aerosols, flammable, MARINE POLLUTANT (Toluene, Xylenes), Limited Quantity

**Transport hazard class(es)**

**Class** 2.1

**Subsidiary risk** 6.1

**Packing group** Not available.

**Environmental hazards**

**Marine pollutant** Yes

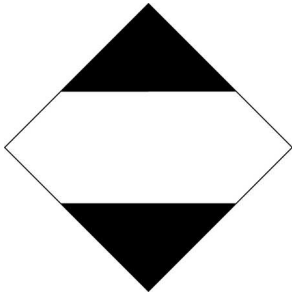
**EmS** F-D, S-U

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

Toluene, Xylenes

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

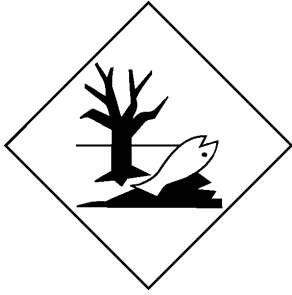
**DOT; IMDG**



**IATA**



## Marine pollutant



### General information

IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

## 15. Regulatory information

### US federal regulations

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

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

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

Dichloromethane (CAS 75-09-2) 0.1 % Annual Export Notification required.

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

|                               |         |
|-------------------------------|---------|
| Dichloromethane (CAS 75-09-2) | Listed. |
| Ethylbenzene (CAS 100-41-4)   | Listed. |
| Toluene (CAS 108-88-3)        | Listed. |
| Xylene (CAS 1330-20-7)        | Listed. |

### SARA 304 Emergency release notification

Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

|                               |                        |
|-------------------------------|------------------------|
| Dichloromethane (CAS 75-09-2) | Cancer                 |
|                               | Heart                  |
|                               | Central nervous system |
|                               | Liver                  |
|                               | Skin irritation        |
|                               | Eye irritation         |

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

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

#### Classified hazard categories

Flammable (gases, aerosols, liquids, or solids)  
Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Carcinogenicity  
Reproductive toxicity  
Specific target organ toxicity (single or repeated exposure)  
Aspiration hazard

#### SARA 313 (TRI reporting)

| Chemical name   | CAS number | % by wt.  |
|-----------------|------------|-----------|
| Dichloromethane | 75-09-2    | 60 - < 70 |
| Ethylbenzene    | 100-41-4   | 1 - < 3   |
| Toluene         | 108-88-3   | 10 - < 20 |
| Xylene          | 1330-20-7  | 10 - < 20 |

### Other federal regulations

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

Dichloromethane (CAS 75-09-2)  
Ethylbenzene (CAS 100-41-4)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

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

Not regulated.

**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****California Proposition 65****WARNING:** This product can expose you to chemicals including Dichloromethane, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Dichloromethane (CAS 75-09-2) Listed: April 1, 1988

Ethylbenzene (CAS 100-41-4) Listed: June 11, 2004

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

Toluene (CAS 108-88-3) Listed: January 1, 1991

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

Dichloromethane (CAS 75-09-2)

Ethylbenzene (CAS 100-41-4)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

**International Inventories**

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| 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                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | 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)

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>    | 05-14-2015  |
| <b>Revision date</b> | 06-18-2019  |
| <b>Version #</b>     | 04  |
| <b>HMIS® ratings</b> | Health: 4*<br>Flammability: 1<br>Physical hazard: 0 |
| <b>NFPA ratings</b>  | Health: 4<br>Flammability: 1<br>Instability: 0      |

**NFPA ratings****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.

**Revision information**

This document has undergone significant changes and should be reviewed in its entirety.