



# SAFETY DATA SHEET

## 1. Identification

|                                                        |                                                                      |
|--------------------------------------------------------|----------------------------------------------------------------------|
| Product identifier                                     | Upside Down Marking Spray Paint - Fluorescent Red/Orange - 1 lb 1 oz |
| Other means of identification                          |                                                                      |
| Product Code                                           | No. 18210 (Item# 1005232)                                            |
| Recommended use                                        | Coating                                                              |
| Recommended restrictions                               | None known.                                                          |
| Manufacturer/Importer/Supplier/Distributor information |                                                                      |
| Manufactured or sold by:                               |                                                                      |
| Company name                                           | CRC Industries, Inc.                                                 |
| Address                                                | 885 Louis Dr.<br>Warminster, PA 18974 US                             |
| Telephone                                              |                                                                      |
| General Information                                    | 215-674-4300                                                         |
| Technical Assistance                                   | 800-521-3168                                                         |
| Customer Service                                       | 800-272-4620                                                         |
| 24-Hour Emergency (CHEMTREC)                           | 800-424-9300 (US)                                                    |
| Website                                                | www.crcindustries.com                                                |

## 2. Hazard(s) identification

|                       |                                                        |                                         |
|-----------------------|--------------------------------------------------------|-----------------------------------------|
| Physical hazards      | Flammable aerosols                                     | Category 1                              |
|                       | Gases under pressure                                   | Liquefied gas                           |
| Health hazards        | Reproductive toxicity                                  | Category 1B                             |
|                       | Specific target organ toxicity, single exposure        | Category 3 respiratory tract irritation |
|                       | Specific target organ toxicity, repeated exposure      | Category 2                              |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard     | Category 2                              |
|                       | Hazardous to the aquatic environment, long-term hazard | Category 2                              |
| OSHA defined hazards  | Not classified.                                        |                                         |

### Label elements



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause respiratory irritation. May damage fertility or the unborn child. 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 apply while equipment is energized. Extinguish all flames, pilot lights, and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Do not breathe mist/vapors. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist/vapors. Wear protective gloves/protective clothing/eye protection/face protection.

|                                                  |                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Response</b>                                  | If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If exposed or concerned: Get medical advice/attention.                                 |
| <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. Exposure to high temperature may cause can to burst. |
| <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>                  | None.                                                                                                                                                                                                             |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                               | Common name and synonyms | CAS number | %       |
|---------------------------------------------|--------------------------|------------|---------|
| propane                                     |                          | 74-98-6    | 15 - 25 |
| solvent naphtha (petroleum), light aliph.   |                          | 64742-89-8 | 15 - 25 |
| calcium carbonate                           |                          | 1317-65-3  | 5 - 10  |
| n-butane                                    |                          | 106-97-8   | 5 - 10  |
| toluene                                     |                          | 108-88-3   | 5 - 10  |
| distillates (petroleum), hydrotreated light |                          | 64742-47-8 | 1 - 5   |

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 off with soap and water.                                                                                                                                                                      |
| <b>Eye contact</b>                                                            | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                                                                                                                                           |
| <b>Ingestion</b>                                                              | If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Call a poison center or doctor/physician.                                                                                        |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Dizziness. May cause respiratory irritation. 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. 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>                                  | Dry chemical powder. Carbon dioxide (CO2). Water spray.                                                                                                                                                                                                                                                                                      |
| <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 rupture 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>                          | In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes. |
| <b>General fire hazards</b>                                          | Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.                                                                                                                                                                                                                       |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Emergency personnel need self-contained breathing equipment. 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.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

### Environmental precautions

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

### 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. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist/vapors. Avoid prolonged exposure. 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. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

### Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

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 in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. 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 Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                                                 | Type | Value      | Form                 |
|------------------------------------------------------------|------|------------|----------------------|
| calcium carbonate (CAS 1317-65-3)                          | PEL  | 5 mg/m3    | Respirable fraction. |
|                                                            |      | 15 mg/m3   | Total dust.          |
| propane (CAS 74-98-6)                                      | PEL  | 1800 mg/m3 |                      |
|                                                            |      | 1000 ppm   |                      |
| solvent naphtha (petroleum), light aliph. (CAS 64742-89-8) | PEL  | 400 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    |
|-------------------------|------|----------|
| n-butane (CAS 106-97-8) | STEL | 1000 ppm |
| toluene (CAS 108-88-3)  | TWA  | 20 ppm   |

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

| Components                                                   | Type | Value      | Form        |
|--------------------------------------------------------------|------|------------|-------------|
| calcium carbonate (CAS 1317-65-3)                            | TWA  | 5 mg/m3    | Respirable. |
|                                                              |      | 10 mg/m3   | Total       |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | TWA  | 100 mg/m3  |             |
| n-butane (CAS 106-97-8)                                      | TWA  | 1900 mg/m3 |             |
|                                                              |      | 800 ppm    |             |
| propane (CAS 74-98-6)                                        | TWA  | 1800 mg/m3 |             |
|                                                              |      | 1000 ppm   |             |
| solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)   | TWA  | 400 mg/m3  |             |
|                                                              |      | 100 ppm    |             |
| toluene (CAS 108-88-3)                                       | STEL | 560 mg/m3  |             |
|                                                              |      | 150 ppm    |             |
|                                                              | TWA  | 375 mg/m3  |             |
|                                                              |      | 100 ppm    |             |

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

| Components             | Value     | Determinant               | Specimen            | Sampling Time |
|------------------------|-----------|---------------------------|---------------------|---------------|
| 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**

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 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**

Wear safety glasses with side shields (or goggles).

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

Wear protective gloves such as: Nitrile.

**Other**

Wear suitable protective clothing.

**Respiratory protection**

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**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.

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

|                       |              |
|-----------------------|--------------|
| <b>Physical state</b> | Liquid.      |
| <b>Form</b>           | Aerosol.     |
| <b>Color</b>          | Red. Orange. |

**Odor** Aromatic.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -138.8 °F (-94.9 °C) estimated

**Initial boiling point and boiling range** 95 °F (35 °C) estimated

**Flash point** -2.2 °F (-19.0 °C)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** 1.7 %

**Flammability limit - upper (%)** 10.9 %

**Vapor pressure** 3495.9 hPa estimated

**Vapor density** > 1 (air = 1)

**Relative density** 1

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 410 °F (210 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Percent volatile** Not available.

**Other information**

**VOC-State Aerosol Coatings (MIR)** 0.52

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**10. Stability and reactivity**

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Heat. Contact with incompatible materials.

**Incompatible materials** Acids. Strong oxidizing agents.

**Hazardous decomposition products** No hazardous decomposition products are known.

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**11. Toxicological information****Information on likely routes of exposure**

**Inhalation** May cause irritation to the respiratory system. Prolonged inhalation may be harmful.

**Skin contact** Based on available data, the classification criteria are not met.

**Eye contact** Based on available data, the classification criteria are not met.

|                                                                              |                                                                                                                  |                       |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------|
| Ingestion                                                                    | Based on available data, the classification criteria are not met.                                                |                       |
| Symptoms related to the physical, chemical and toxicological characteristics | Dizziness. May cause respiratory irritation.                                                                     |                       |
| Information on toxicological effects                                         |                                                                                                                  |                       |
| Acute toxicity                                                               | Not known.                                                                                                       |                       |
| Product                                                                      | Species                                                                                                          | Test Results          |
| Upside Down Marking Spray Paint - Fluorescent Red/Orange - 1 lb 1 oz         |                                                                                                                  |                       |
| <u>Acute</u>                                                                 |                                                                                                                  |                       |
| <b>Dermal</b>                                                                |                                                                                                                  |                       |
| LD50                                                                         | Rabbit                                                                                                           | 31571 mg/kg           |
| <b>Inhalation</b>                                                            |                                                                                                                  |                       |
| LC50                                                                         | Rat                                                                                                              | 12132.3 ppm, 4 hours  |
|                                                                              |                                                                                                                  | 7409.91 mg/l, 4 hours |
| <u>Chronic</u>                                                               |                                                                                                                  |                       |
| <b>Oral</b>                                                                  |                                                                                                                  |                       |
| LD50                                                                         | Mouse                                                                                                            | 2407.41 g/kg          |
| Components                                                                   | Species                                                                                                          | Test Results          |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8)                 |                                                                                                                  |                       |
| <u>Acute</u>                                                                 |                                                                                                                  |                       |
| <b>Dermal</b>                                                                |                                                                                                                  |                       |
| LD50                                                                         | Rabbit                                                                                                           | > 2000 mg/kg          |
| <b>Inhalation</b>                                                            |                                                                                                                  |                       |
| LC50                                                                         | Rat                                                                                                              | > 5 mg/l, 4 hours     |
| <b>Oral</b>                                                                  |                                                                                                                  |                       |
| LD50                                                                         | Rat                                                                                                              | > 5000 mg/kg          |
| n-butane (CAS 106-97-8)                                                      |                                                                                                                  |                       |
| <u>Acute</u>                                                                 |                                                                                                                  |                       |
| <b>Inhalation</b>                                                            |                                                                                                                  |                       |
| LC50                                                                         | Rat                                                                                                              | 658 mg/l, 4 Hours     |
| 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                                            |                                                                                                                  |                       |
| Respiratory sensitization                                                    | Not a respiratory sensitizer.                                                                                    |                       |
| Skin sensitization                                                           | This product is not expected to cause skin sensitization.                                                        |                       |
| Germ cell mutagenicity                                                       | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |                       |
| Carcinogenicity                                                              | Not classifiable as to carcinogenicity to humans.                                                                |                       |
| IARC Monographs. Overall Evaluation of Carcinogenicity                       |                                                                                                                  |                       |
| toluene (CAS 108-88-3)                                                       | 3 Not classifiable as to carcinogenicity to humans.                                                              |                       |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)               |                                                                                                                  |                       |
| Not listed.                                                                  |                                                                                                                  |                       |
| US. National Toxicology Program (NTP) Report on Carcinogens                  |                                                                                                                  |                       |
| Not listed.                                                                  |                                                                                                                  |                       |
| Reproductive toxicity                                                        | May damage fertility or the unborn child.                                                                        |                       |
| Specific target organ toxicity - single exposure                             | May cause respiratory irritation.                                                                                |                       |
| Specific target organ toxicity - repeated exposure                           | May cause damage to organs through prolonged or repeated exposure.                                               |                       |
| Aspiration hazard                                                            | Not an aspiration hazard.                                                                                        |                       |

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

## 12. Ecological information

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

| Components             |      | Species                                             | Test Results                              |
|------------------------|------|-----------------------------------------------------|-------------------------------------------|
| toluene (CAS 108-88-3) |      |                                                     |                                           |
| Acute                  |      |                                                     |                                           |
| Other                  | EC50 | Pseudokirchnerella subcapitata                      | 433 mg/l, 96 hours<br>12.5 mg/l, 72 hours |
| Aquatic                |      |                                                     |                                           |
| Acute                  |      |                                                     |                                           |
| Fish                   | LC50 | Coho salmon,silver salmon<br>(Oncorhynchus kisutch) | 5.5 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)**

|          |      |
|----------|------|
| n-butane | 2.89 |
| propane  | 2.36 |
| toluene  | 2.73 |

**Bioconcentration factor (BCF)**

|         |    |
|---------|----|
| toluene | 90 |
|---------|----|

**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** If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 F

**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.

## 14. Transport information

### DOT

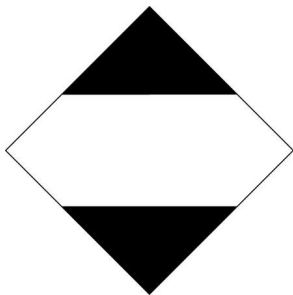
|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| UN number                    | UN1950                                                                  |
| UN proper shipping name      | Aerosols, flammable, Limited Quantity                                   |
| Transport hazard class(es)   |                                                                         |
| Class                        | 2.1                                                                     |
| Subsidiary risk              | -                                                                       |
| Label(s)                     | 2.1                                                                     |
| Packing group                | Not applicable.                                                         |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions           | N82                                                                     |
| Packaging exceptions         | 306                                                                     |
| Packaging non bulk           | 304                                                                     |
| Packaging bulk               | None                                                                    |

### IATA

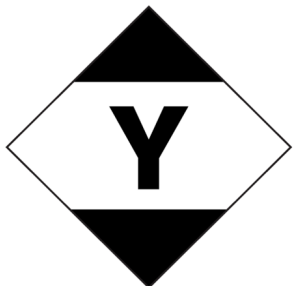
|                            |                                       |
|----------------------------|---------------------------------------|
| UN number                  | UN1950                                |
| UN proper shipping name    | Aerosols, flammable, Limited Quantity |
| Transport hazard class(es) |                                       |
| Class                      | 2.1                                   |
| Subsidiary risk            | -                                     |
| Packing group              | Not applicable.                       |

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <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>IMDG</b>                         |                                                                         |
| <b>UN number</b>                    | UN1950                                                                  |
| <b>UN proper shipping name</b>      | AEROSOLS, Limited Quantity                                              |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 2.1                                                                     |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | Not applicable.                                                         |
| <b>Environmental hazards</b>        |                                                                         |
| <b>Marine pollutant</b>             | Yes, but exempt from the regulations.                                   |
| <b>EmS</b>                          | F-D, S-U                                                                |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

#### DOT; IMDG



#### IATA



## 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.

#### **SARA 304 Emergency release notification**

Not regulated.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

#### **US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

toluene (CAS 108-88-3)

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

toluene (CAS 108-88-3)

#### **CERCLA Hazardous Substances: Reportable quantity**

toluene (CAS 108-88-3) 1000 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.



## Other federal regulations

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

toluene (CAS 108-88-3)

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

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.

### 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

**Food and Drug Administration (FDA)** Not regulated.

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

**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)  
Gas under pressure  
Reproductive toxicity  
Specific target organ toxicity (single or repeated exposure)

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| toluene       | 108-88-3   | 5 - 10   |

## US state regulations

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

calcium carbonate (CAS 1317-65-3)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

toluene (CAS 108-88-3)

### US. Massachusetts RTK - Substance List

calcium carbonate (CAS 1317-65-3)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

toluene (CAS 108-88-3)

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

calcium carbonate (CAS 1317-65-3)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

toluene (CAS 108-88-3)

### US. Rhode Island RTK

calcium carbonate (CAS 1317-65-3)

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

n-butane (CAS 106-97-8)

propane (CAS 74-98-6)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

toluene (CAS 108-88-3)

**California Proposition 65****WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

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))**

distillates (petroleum), hydrotreated light (CAS 64742-47-8)

n-butane (CAS 106-97-8)

solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)

toluene (CAS 108-88-3)

**Volatile organic compounds (VOC) regulations****EPA****Aerosol coatings (40 CFR 59, Subpt. E)** Compliant**State****Aerosol coatings** This product is regulated as a Ground Traffic and Marking Coating. This product is compliant for sale in all 50 states.**Maximum incremental reactivity (MIR)** 0.52**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)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| 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)               | No                     |
| 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****Issue date** 01-13-2021**Prepared by** Allison Yoon**Version #** 01**Disclaimer**

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