

SAFETY DATA SHEET



1. Identification

Product identifier PAINTABLE RUBBERIZED BLACK COATING

Other means of identification

Product code AX101

Recommended use COATING

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name AEROX Supply Inc.
Address 6660 Kennedy Road, Suite # 201
Mississauga, Ontario L5T 2M9

Telephone General Assistance 1-905-226-9239

E-mail Not available.

Emergency phone number CANUTEC 1-613-996-6666 24HRS

Supplier

Not available.

2. Hazard(s) identification

Physical hazards

Flammable aerosols Category 1

Health hazards

Skin corrosion/irritation Category 2

Carcinogenicity Category 1A

Reproductive toxicity (the unborn child) Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated exposure Category 2

Aspiration hazard Category 1

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. May cause cancer. Suspected of damaging 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, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. 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 exposed or concerned: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage 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.

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

| | | |
|---------------------------------|--|------------|
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 |
| | Hazardous to the aquatic environment, long-term hazard | Category 2 |
| Other hazards | None known. | |
| Supplemental information | None. | |

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| Toluene | | 108-88-3 | 30 - 60 |
| Solvent Naphtha (Petroleum), Light Aliphatic | | 64742-89-8 | 7 - 13 |
| Propane | | 74-98-6 | 5 - 10 |
| Carbon Black | | 1333-86-4 | 0.5 - 1.5 |
| Crystalline Silica | | 14808-60-7 | 0.1 - 1 |
| Methanol | | 67-56-1 | 0.1 - 1 |
| n-Heptane | | 142-82-5 | 0.1 - 1 |
| Octane | | 111-65-9 | 0.1 - 1 |
| Solvent Naphtha (petroleum), Light Aromatic | | 64742-95-6 | 0.1 - 1 |
| Other components below reportable levels | | | 15 - 40 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

| | |
|---|---|
| Inhalation | 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. |
| Skin contact | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Eye contact | Rinse with water. Get medical attention if irritation develops and persists. |
| Ingestion | 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. |
| Most important symptoms/effects, acute and delayed | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | 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 (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. |
| Fire fighting equipment/instructions | 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. |
| Specific methods | 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. |

General fire hazards Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures 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.

Methods and materials for containment and cleaning up 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. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: 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. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. 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.

Conditions for safe storage, including any incompatibilities Level 2 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).

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|-------------------------------------|------|-------------------------|----------------------|
| Carbon Black (CAS 1333-86-4) | TWA | 3 mg/m ³ | Inhalable fraction. |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.025 mg/m ³ | Respirable fraction. |
| Methanol (CAS 67-56-1) | STEL | 250 ppm | |
| | TWA | 200 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| Octane (CAS 111-65-9) | TWA | 300 ppm | |
| Toluene (CAS 108-88-3) | TWA | 20 ppm | |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|-------------------------------------|------|-------------------------|-----------------------|
| Carbon Black (CAS 1333-86-4) | TWA | 3.5 mg/m ³ | |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.025 mg/m ³ | Respirable particles. |
| Methanol (CAS 67-56-1) | STEL | 328 mg/m ³ | |
| | | 250 ppm | |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|--------------------------|------|-----------------------|------|
| n-Heptane (CAS 142-82-5) | TWA | 262 mg/m3 200 ppm | |
| | STEL | 2050 mg/m3 500 ppm | |
| Octane (CAS 111-65-9) | TWA | 1640 mg/m3 400 ppm | |
| | TWA | 1400 mg/m3 300 ppm | |
| Propane (CAS 74-98-6) | TWA | 1000 ppm | |
| Toluene (CAS 108-88-3) | TWA | 188 mg/m3 50 ppm | |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value | Form |
|-------------------------------------|------|-------------|----------------------|
| Carbon Black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable fraction. |
| Methanol (CAS 67-56-1) | STEL | 250 ppm | |
| | TWA | 200 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| Octane (CAS 111-65-9) | TWA | 300 ppm | |
| Toluene (CAS 108-88-3) | TWA | 20 ppm | |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components | Type | Value | Form |
|-------------------------------------|------|-------------|----------------------|
| Carbon Black (CAS 1333-86-4) | TWA | 3 mg/m3 | Inhalable fraction. |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable fraction. |
| Methanol (CAS 67-56-1) | STEL | 250 ppm | |
| | TWA | 200 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| Octane (CAS 111-65-9) | TWA | 300 ppm | |
| Toluene (CAS 108-88-3) | TWA | 20 ppm | |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value | Form |
|-------------------------------------|------|-----------|-------------|
| Carbon Black (CAS 1333-86-4) | TWA | 3.5 mg/m3 | |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.1 mg/m3 | Respirable. |
| Methanol (CAS 67-56-1) | STEL | 250 ppm | |
| | TWA | 200 ppm | |
| Toluene (CAS 108-88-3) | TWA | 20 ppm | |

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value | Form |
|-------------------------------------|------|-----------------------|------------------|
| Carbon Black (CAS 1333-86-4) | TWA | 3.5 mg/m3 | |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.1 mg/m3 | Respirable dust. |
| Methanol (CAS 67-56-1) | STEL | 328 mg/m3 250 ppm | |
| | TWA | 262 mg/m3 200 ppm | |
| | STEL | 2050 mg/m3 500 ppm | |
| n-Heptane (CAS 142-82-5) | STEL | 2050 mg/m3 500 ppm | |

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

| Components | Type | Value | Form |
|------------------------|------|------------------------|------|
| Octane (CAS 111-65-9) | TWA | 1640 mg/m ³ | |
| | STEL | 400 ppm | |
| Propane (CAS 74-98-6) | TWA | 1750 mg/m ³ | |
| | TWA | 375 ppm | |
| Toluene (CAS 108-88-3) | TWA | 1400 mg/m ³ | |
| | TWA | 300 ppm | |
| | TWA | 1800 mg/m ³ | |
| | TWA | 1000 ppm | |
| | | 188 mg/m ³ | |
| | | 50 ppm | |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|------------------------|-----------|---------------------------|---------------------|---------------|
| Methanol (CAS 67-56-1) | 15 mg/l | Methanol | 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

Canada - Alberta 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.

Canada - British Columbia OELs: Skin designation

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation

Methanol (CAS 67-56-1)

Can be absorbed through the skin.

Canada - Quebec 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.

Canada - Saskatchewan 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 ACGIH Threshold Limit Values: 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. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

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

Other

Wear appropriate chemical resistant clothing. 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 available.

Melting point/freezing point Not available.

Initial boiling point and boiling range -16.28 °F (-26.82 °C) estimated

Flash point -99.4 °F (-73.0 °C) propellant estimated

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) 1.2 % estimated

Flammability limit - upper (%) 7.5 % estimated

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

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

Auto-ignition temperature 824.94 °F (440.52 °C) estimated

Decomposition temperature Not available.

Viscosity Not available.

Other information

Explosive properties Not explosive.

Oxidizing properties Not oxidizing.

Specific gravity 0.596 estimated

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 Hazardous polymerization does not occur.

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Acids. Strong oxidizing agents. Nitrates. Fluorine. Chlorine.

Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Causes skin irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion

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. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways. Narcotic effects.

Components

Species

Test Results

Carbon Black (CAS 1333-86-4)

Acute

Oral

LD50

Rat

> 10000 mg/kg

Methanol (CAS 67-56-1)

Acute

Inhalation

LC50

Cat

85.41 mg/l, 4.5 Hours

43.68 mg/l, 6 Hours

Mouse

79.43 mg/l, 134 Minutes

Rat

> 115.9 mg/l, 4 Hours

82.1 mg/l, 6 Hours

Oral

LD50

Monkey

6000 mg/kg

Pig

> 5000 mg/kg

Rat

1187 - 2769 mg/kg

n-Heptane (CAS 142-82-5)

Acute

Dermal

LD50

Rabbit

> 2000 mg/kg, 24 Hours

Inhalation

LC50

Rat

> 29.29 mg/l, 4 Hours

Oral

LD50

Rat

> 5000 mg/kg

Octane (CAS 111-65-9)

Acute

Dermal

LD50

Rabbit

> 2000 mg/kg, 24 Hours

Inhalation

LC50

Rat

> 24.88 mg/l, 4 Hours

Oral

LD50

Rat

> 5000 mg/kg

Propane (CAS 74-98-6)

Acute

Inhalation

LC50

Mouse

1237 mg/l, 120 Minutes

52 %, 120 Minutes

Rat

1355 mg/l

658 mg/l/4h

Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8)

Acute

Dermal

LD50

Rabbit

> 1900 mg/kg, 24 Hours

| Components | Species | Test Results |
|--|---------|--|
| Inhalation | | |
| LC50 | Rat | > 5000 mg/m3, 4 Hours > 4980 mg/m3 > 4980 mg/m3, 4 Hours > 4.96 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | 4820 mg/kg |
| Solvent Naphtha (petroleum), Light Aromatic (CAS 64742-95-6) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 1900 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Rat | > 5000 mg/m3, 4 Hours > 4980 mg/m3 > 4980 mg/m3, 4 Hours > 4.96 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | 4820 mg/kg |
| Toluene (CAS 108-88-3) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 5000 mg/kg, 24 Hours |
| Inhalation | | |
| LC50 | Mouse | 6405 - 7436 ppm, 6 Hours 5320 ppm, 8 Hours |
| | Rat | 5879 - 6281 ppm, 6 Hours 25.7 mg/l, 4 Hours |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |

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

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

Octane (CAS 111-65-9) Irritant

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 May cause cancer.

ACGIH Carcinogens

Carbon Black (CAS 1333-86-4) A3 Confirmed animal carcinogen with unknown relevance to humans.

Crystalline Silica (CAS 14808-60-7) A2 Suspected human carcinogen.

Toluene (CAS 108-88-3) A4 Not classifiable as a human carcinogen.

Canada - Alberta OELs: Carcinogen category

Crystalline Silica (CAS 14808-60-7) Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity

CARBON BLACK, INHALABLE FRACTION (CAS 1333-86-4)
 SILICA, CRYSTALLINE-.ALPHA.-QUARTZ, RESPIRABLE FRACTION (CAS 14808-60-7)
 TOLUENE (CAS 108-88-3)

Confirmed animal carcinogen with unknown relevance to humans.
 Suspected human carcinogen.
 Not classifiable as a human carcinogen.

Canada - Quebec OELs: Carcinogen category

Crystalline Silica (CAS 14808-60-7)

Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon Black (CAS 1333-86-4)
 Crystalline Silica (CAS 14808-60-7)
 Toluene (CAS 108-88-3)

2B Possibly carcinogenic to humans.
 If <1L: Consumer Commodity Carcinogenic to humans.
 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure

May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure

Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

Chronic effects

May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.

12. Ecological information**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

| Components | Species | | Test Results |
|--------------------------|---------|--|----------------------------|
| Methanol (CAS 67-56-1) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | > 10000 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) | > 100 mg/l, 96 hours |
| n-Heptane (CAS 142-82-5) | | | |
| Aquatic | | | |
| Fish | LC50 | Mozambique tilapia (Tilapia mossambica) | 375 mg/l, 96 hours |
| Toluene (CAS 108-88-3) | | | |
| Aquatic | | | |
| 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)**

Methanol -0.77
 n-Heptane 4.66
 Octane 5.18
 Propane 2.36
 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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. 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

TDG

| | |
|-------------------------------------|--|
| UN number | UN1950 |
| UN proper shipping name | AEROSOLS, flammable |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Packing group | Not applicable. |
| Environmental hazards | Yes |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. This product meets the exemption requirements and may be shipped as a limited quantity. |

IATA

| | |
|-------------------------------------|---|
| UN number | UN1950 |
| UN proper shipping name | Aerosols, flammable |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | 2.1 |
| Packing group | Not applicable. |
| Environmental hazards | Yes |
| ERG Code | 10L |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| Other information | |
| Passenger and cargo aircraft | Allowed with restrictions. |
| Cargo aircraft only | Allowed with restrictions. |

IMDG

| | |
|-------------------------------------|---|
| UN number | UN1950 |
| UN proper shipping name | AEROSOLS |
| Transport hazard class(es) | |
| Class | 2.1 |
| Subsidiary risk | - |
| Label(s) | None |
| Packing group | Not applicable. |
| Environmental hazards | |
| Marine pollutant | Yes |
| EmS | F-D, S-U |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |

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

IATA; IMDG; TDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

15. Regulatory information

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Toluene (CAS 108-88-3)

Class B

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

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 |
| 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 |

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | 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

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| Issue date | 04-16-2019 |
| Version # | 01 |
| 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 | Product and Company Identification: Alternate Trade Names |