Safety Data Sheet CM5-1706



| 1. Identification | |
|---|---|
| Product identifier | CM5-1706 |
| Product code | SOLCM5170620LT; SOLCM51706205LT |
| Other means of identification | None. |
| Recommended use of the chemical and restrictions on use | Powerful cleaner, fast evaporation for furniture manufacturer. Not recommended for any other use not detailed on product data sheet or label. |
| Manufacturer | AEROCHEM Inc. 5977 Trans Canada Highway Pointe-Claire, QC H9R 1C1 Canada General Information: 1-888-592-5837 www.aerochem.ca info@aerochem.ca |
| Emergency phone number | INFOTRAC®: 1-800-535-5053 International call collect: 1-352-323-3500 24 hours/day, 7 days/week |

2. Hazard identification

Summary

Flammable liquid and vapours. Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing. Do not breathe vapours, mists or aerosols. Do not ingest. If ingested consult physician immediately and show this Safety Data Sheet. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.

WHMIS 2015/GHS/OSHA HCS 2012









Acute toxicity, oral (Category 3) Acute toxicity, dermal (Category 4) Acute toxicity, inhalation (Category 4) Skin corrosion/irritation (Category 2)

Flammable liquids (Category 2)

Serious eye damage/eye irritation (Category 2B)

Reproductive toxicity (Category 2)

Specific target organ toxicity, single exposure (Category 1)

Specific target organ toxicity, single exposure, Narcotic effects (Category 3)

Specific target organ toxicity, repeated exposure (Category 2)

Aspiration hazard (Category 1)

DANGER

H225: Highly flammable liquid and vapour

H301: Toxic if swallowed

H370: Causes damage to organs

H304: May be fatal if swallowed and enters airways H312 + H332: Harmful in contact with skin or if inhaled

H315 + H320: Causes skin and eye irritation H336: May cause drowsiness or dizziness

H361: Suspected of damaging fertility or the unborn child

H373: May cause damage to organs through prolonged or repeated exposure

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, sparks, open flames and other ignition sources. No smoking.

P240: Ground or bond container and receiving equipment.

P241: Use explosion-proof electrical equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P260: Do not breathe vapours and spray.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves, protective clothing and eye protection.

P308+311: IF exposed or concerned: Call a POISON CENTER or physician.

P301+330+331+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or physician.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water and soap or take a shower if necessary.

P332+313: If skin irritation occurs: Get medical advice or attention.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or physician if you feel unwell.

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice or attention.

P362+364: Take off contaminated clothing and wash before reuse.

P370+378: In case of fire: Use dry sand, dry chemical or chemical foam to extinguish.

P403+P235+P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool.

P405: Store locked up.

Other

P501: Dispose of contents and container to an approved waste disposal plant.

3. Composition/information on ingredients

No information available.

| Common name | CAS | Weight % content |
|----------------------------|------------|------------------|
| Methanol | 67-56-1 | 65 - 85 % |
| Toluene | 108-88-3 | 7 - 13 % |
| Hexane, mixture of isomers | 92112-69-1 | 3 - 7 % |
| n-Hexane | 110-54-3 | 3 - 7 % |

Note: The manufacturer withholds the actual concentration range of the ingredients as a trade secret.

| 4. First-aid | I. First-aid measures | |
|--------------|--|--|
| Inhalation | Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. If a problem develops or persists, seek medical attention. | |
| Skin contact | Wash skin with warm water and mild soap for at least 15 minutes. Remove contaminated clothing and wash before reuse. Avoid touching eyes with contaminated body parts. If a problem develops or persists, seek medical attention. | |
| Eye contact | IMMEDIATELY! Flush with water for at least 15 minutes. Remove contact lenses if easy to do. Hold eyelids apart to rinse properly. If a problem develops or persists, seek medical attention. | |
| Ingestion | DO NOT induce vomiting, unless recommended by medical personnel. If victim is conscious wash out mouth with plenty of water. Never give anything by mouth if victim is unconscious or convulsing. If spontaneous vomiting occurs, keep head below hip level to prevent aspiration into the lungs. Seek medical attention or contact a Poison Centre immediately. | |

| Symptoms | May cause redness and irritation to eyes. May cause dry skin and irritation. Inhalation of vapours may cause central nervous system depression such as drowsiness, headache, dizziness, vertigo, nausea and fatigue. Ingestion of large amounts may cause depression of the central nervous system characterized by headache, dizziness, convulsions and loss of consciousness. Aspiration hazard for the lungs (ingestion/vomiting). Can enter lungs and cause damage. Signs of lung involvement include increased respiratory rate, increased heart rate, and a bluish discolouration of the skin. Coughing, choking and gagging are often noted at the time of aspiration. |
|------------------------|---|
| Notes to the physician | Apply a symptomatic and supportive treatment. Use Ethyl alcohol as an antidote for the treatment of methyl alcohol poisoning. If gastric lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. |

| 5. Fire-fighting r | 5. Fire-fighting measures | |
|--|--|--|
| Suitable extinguishing media | Dry chemicals, dry sand, water spray, chemical foam, carbon dioxide (CO2). Do not use a heavy water jet. | |
| Specific hazards arising from the chemical | Highly flammable liquid and vapour. May be ignited by heat, sparks, flame or static electricity. Vapours are heavier than air and may travel to an ignition source distant from the material handling point. | |
| Special protective equipment | Firefighters must wear self contained breathing apparatus with full face mask. Firefighting suit may not be efficient against chemicals. | |
| Special protective actions for fire-fighters | Use water spray to cool fire-exposed containers. The aqueous solutions of methanol can also be ignited. Water spray can reduce the intensity of the flames. However, the water jets can spread the fire. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. | |

| 6. Accidental re | 6. Accidental release measures | |
|---|---|--|
| Personal precautions, protective equipment and emergency procedures | Do not touch spilled material. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet. | |
| Environmental precautions | Prevent entry into sewers, closed areas and release to the environment. For a large spill, consult the Department of Environment or the relevant authorities. | |
| Methods and materials for containment and cleaning up | Ventilate the area well. Remove sources of ignition. Absorb with inert material (soil, sand, vermiculite) and place in an appropriate waste disposal clearly identified. Use non-sparking and antistatic tools. Finish cleaning the contaminated surface by rinsing with soapy water. Dispose via a licensed waste disposal contractor. | |
| | | |

| 7. Handling and | storage |
|--|---|
| Precautions for safe handling | Keep away from heat, sparks and open flame. Ground/bond all containers when transfering large quantities (5 gallons US or 20 L and more). Use in well ventilated area. Avoid contact with skin, eyes and clothing. Do not breathe vapours, mists or aerosols. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved. Do not eat, do not drink and do not smoke during use. Wash hands, forearms and face thoroughly after handling this compound and before eating, drinking or using toiletries. Remove contaminated clothing and wash before reuse. |
| Conditions for safe storage, including any incompatibilities | Storage and handling should follow the NFPA 30 Flammable and/or Combustible Liquids Code and the National Fire Code of Canada (NFCC). Ground/bond all containers when transfering large quantities (5 gallons US or 20 L and more). Store tightly closed and in properly labelled containers in a cool, dry and well ventilated place. Store away from oxidizing materials and incompatible materials (see section 10). Containers that have been opened must be carefully resealed and kept upright to |

| | prevent leakage. Keep away from direct sunlight and heat. Keep away from food and drink. |
|---------------------|--|
| Storage temperature | 5 to 25°C (41 to 77°F) |

| Immediately Dangerous to Life or Health | Methanol: 6000 ppm. Toluene: 500 ppm. n-Hexane: 1100 ppm. | | | |
|--|--|--|---|--|
| Methanol | STEL | 250 ppm 250 ppm | 328 mg/m ³ | ACGIH , BC, ON RSST (Pc) |
| | TWA (8h) | 200 ppm | 200 (3 | ACGIH, BC, ON |
| Taluana | T\\\A (Qb) | 200 ppm | 262 mg/m ³ | RSST (Pc) |
| Toluene | TWA (8h) | 20 ppm 50 ppm | 188 mg/m ³ | ACGIH , BC, ON RSST (Pc) |
| n-Hexane | TWA (8h) | 20 ppm | 100 mg/m² | BC |
| Trickaric | TWA (OII) | 50 ppm | | ACGIH , ON |
| | | 50 ppm | 176 mg/m ³ | RSST |
| Hexane, mixture of isom | ners STEL | 1000 ppm | 9 | ACGIH, ON |
| | | 1000 ppm | 3500 mg/m ³ | RSST |
| | TWA (8h) | 200 ppm | All Indiana | BC |
| | | 500 ppm | | ACGIH , ON |
| | | | | The state of the s |
| | Provide sufficient mechani concentrations of vapours, limits. | 500 ppm | | RSST eep the airborne |
| engineering controls | concentrations of vapours, limits. neasures Wear safety glasses with s | 500 ppm cal ventilation (general mists, aerosols or decorated) | ral or local exhaust) to k ust below their respectiv | RSST eep the airborne |
| engineering controls | concentrations of vapours, limits. neasures Wear safety glasses with s goggles. Wear nitrile or neoprene glasses | 500 ppm cal ventilation (general mists, aerosols or deside shields. If there is loves. Disposable nitould confirm imperm | ral or local exhaust) to k ust below their respective s a risk of contact with exite gloves can also be useability. Discard gloves | RSST seep the airborne we occupational exposure |
| | concentrations of vapours, limits. neasures Wear safety glasses with s goggles. Wear nitrile or neoprene gluse. Before using, user shwear. Gloves must only be Personal protective equipment of the same of the | 500 ppm cal ventilation (general mists, aerosols or deside shields. If there is a loves. Disposable nite ould confirm imperment worn on clean hand ar normal work cloth | ral or local exhaust) to ke ust below their respectives a risk of contact with earlie gloves can also be reability. Discard gloves s. | RSST Reep the airborne we occupational exposure Reyes, wear chemical splash Reyes, wear chemical spl |
| engineering controls Individual protection m Eye Hands | concentrations of vapours, limits. neasures Wear safety glasses with s goggles. Wear nitrile or neoprene gluse. Before using, user shwear. Gloves must only be Personal protective equipment the risks involved. We code. If necessary, wear a Respiratory protection is n respirator, it is necessary tequipment (RPE) must be and standard 29 CFR 1910 NIOSH/MSHA. In case of in protection factor (APF) up | cal ventilation (general ventilation) (gener | ral or local exhaust) to ke ust below their respectives a risk of contact with earlie gloves can also be reability. Discard gloves so build be selected based of ing covering arms and leve protective coverall sure protection program. More than an analysis or CSA Z 94.11 (and or in confined or enclosure limit, wear a half man APF until maximum 10. | RSST Reep the airborne we occupational exposure Reyes, wear chemical splash Reyes, wear chemical spl |



| 9. Physical and | chemical properties | | |
|------------------|-------------------------------------|---------------------------------------|--------------------------|
| Physical state | Liquid | Flammability | Flammable. |
| Colour | Clear | Flammability limits | 1 to 36% |
| Odour | Characteristic | Flash point | 7°C (44.6°F) |
| Odour threshold | N/Av. | Auto-ignition temperature | 232°C (449.6°F) |
| рН | N/Av. | Sensibility to electrostatic charges | Yes TNA/NAD |
| Melting point | N/Av. | Sensibility to sparks and/or friction | No |
| Freezing point | N/Av. | Vapour density | >1 (Air = 1) |
| Boiling point | 62 to 111°C (143.6 to 231.8°F) | Relative density | 0.78 kg/L (Water = 1) |
| Solubility | Partially soluble in water. | Partition coefficient n-octanol/water | N/Av. |
| Evaporation rate | > Butyl Acetate | Decomposition temperature | N/Av. |
| Vapour pressure | N/Av. | Viscosity | <20.5 cSt @ 40°C (104°F) |
| Percent Volatile | N/Av. | Molecular mass | N/Ap. |
| N/Av.: N | Not Available N/Ap.: Not Applicable | Und.: Undetermined | N/E: Not Established |
| | | | |

| 10. Stability and reac | tivity |
|--|--|
| Reactivity | No information available for this product. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions (including polymerizations) | A dangerous reaction will not occur. |
| Conditions to avoid | Avoid heat, flame and sparks. Avoid contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents (e.g. chlorine, fluorine, nitric acid, perchloric acid, peroxides, nitrates, chlorates, chromates, permanganates and perchlorates), strong bases (e.g. hydroxides, solutions of ammonia, amines, carbonates), strong acids (e.g. hydrochloric acid, sulfuric acid, phosphoric acid). |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

| 11. Toxico | logical information | |
|--------------------------------|---------------------|--|
| Numerical measures of toxicity | Mixture | Ingestion <300 mg/kg Human Inhalation 11.9 mg/l/4h Human Skin 1264 mg/kg Human |
| | Methanol | Ingestion 5600 mg/kg Rat LD50 183 mg/kg Human |
| | | Inhalation 83.8 mg/l/4h Rat LC50 |
| | | Skin 15800 mg/kg Rabbit LD50 |
| | Toluene | Ingestion 5600 mg/kg Rat LD50 |

| | | Inhalation 30.2 mg/l/4h Rat LC50 | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| | | Skin 12600 mg/kg Rabbit LD50 | | | | | | | | |
| | n-Hexane | Ingestion 28700 mg/kg Rat LD50 | | | | | | | | |
| | | Inhalation 169 mg/l/4h Rat LC50 | | | | | | | | |
| | | Skin 3000 mg/kg Rabbit LD50 | | | | | | | | |
| | Hexane, mixture of is | omers Ingestion >5000 mg/kg Rat LD50 | | | | | | | | |
| | Inhalation >20 mg/l/4h Rat LC50 | | | | | | | | | |
| | | Skin >2000 mg/kg Rabbit LD50 | | | | | | | | |
| Likely routes of exposure | Skin, eyes, inhalation | , ingestion. | | | | | | | | |
| Delayed, immediate and chronic effects | Eye contact | May cause redness and slight irritation of the eyes. Eye Irritation/Corrosion, Rabbit (OECD TG 405): tests performed with each ingredient of this mixture gave not irritating to irritating results. | | | | | | | | |
| | Skin contact | May cause skin irritation. Prolonged and repeated contact may cause dry skin, | | | | | | | | |
| | | irritation or dermatitis. Skin Irritation/Corrosion, Rabbit (OECD 404): tests performed | | | | | | | | |
| | | with each ingredient of this mixture gave not irritating to irritating results. Harmful if | | | | | | | | |
| | | swallowed or if absorbed through skin. Case of methanol (CAS no 67-56-1) poisoning by the dermal route in human is very rare due to the high volatility of the product. | | | | | | | | |
| | | Widespread contact with skin for several hours can cause large amounts of material to | | | | | | | | |
| | be absorbed and cause toxic effects similar to those for ingestion. | | | | | | | | | |
| | Inhalation | Inhalation of vapours may cause central nervous system depression such as | | | | | | | | |
| | | drowsiness, headache, dizziness, vertigo, nausea and fatigue. The severity of | | | | | | | | |
| | | symptoms may vary depending on exposure conditions. Harmful if inhaled. Excessive | | | | | | | | |
| | | prolonged exposure may cause methanol (CAS no 67-56-1) poisoning with symptoms similar to those for ingestion exposure. Prolonged and repeated exposure may cause | | | | | | | | |
| | damage to the liver, kidneys, hearing organs and central nervous system. | | | | | | | | | |
| | Ingestion | tion Toxic by ingestion. Accidental methanol (CAS no 67-56-1) poisoning occurs frequ | | | | | | | | |
| | | by ingestion. May cause blindness if swallowed. Methyl Alcohol (CAS no 67-56-1) | | | | | | | | |
| | | poisoning begins with a depression of the central nervous system leading to narcosis, | | | | | | | | |
| | | followed by a symptomless period which usually lasts 12 to 24 hours. Metabolic | | | | | | | | |
| | | acidosis sets in and then symptoms such as headaches, dizziness, nausea and vomiting occur. Generally ingesting 60 mL (2 Oz) to 235 mL (8 Oz) of methanol is fatal | | | | | | | | |
| | | to humans. Harmful or fatal if inhaled into the lungs (ingestion/vomiting). Can enter | | | | | | | | |
| | | lungs and cause damage. Signs of lung involvement include increased respiratory | | | | | | | | |
| | | rate, increased heart rate, and a bluish discolouration of the skin. Coughing, choking | | | | | | | | |
| | | and gagging are often noted at the time of aspiration. | | | | | | | | |
| | | Ingredients present at levels greater than or equal to 0.1% of this product are not skin | | | | | | | | |
| | sensitization | or respiratory sensitizers. | | | | | | | | |
| | IARC/NTP Classification | No ingredients listed. | | | | | | | | |
| | Carcinogenicity | Ingredients present at levels greater than or equal to 0.1% of this product are not | | | | | | | | |
| | Carcinogementy | listed as a carcinogen by IARC, ACGIH, NIOSH, NTP or OSHA. | | | | | | | | |
| | Mutagenicity | Ingredients in this product present at levels greater than or equal to 0.1% are not | | | | | | | | |
| | | known to cause mutagenic effects. | | | | | | | | |
| | Reproductive | Toluene (CAS no 108-88-3) has an embryotoxic and/or fetotoxic hazard in humans | | | | | | | | |
| | toxicity | (US EPA, 2005). Toluene cross the placental barrier in humans and it is found in | | | | | | | | |
| | | breast milk in animals. n-Hexane (CAS no 110-54-3) has embryotoxic and fetotoxic | | | | | | | | |
| | | effects in animals. It can cause testicular damage in animals. n-Hexane is found in breast milk in humans. Developmental effects have been observed in the offspring of | | | | | | | | |
| | | rats and mice exposed to methanol (CAS no 67-56-1) by inhalation (HSDB). | | | | | | | | |
| | Specific target | Central nervous system, visual organs. | | | | | | | | |
| | organ toxicity - | , , 3 | | | | | | | | |
| | single exposure | | | | | | | | | |
| | Specific target | Central nervous system, respiratory system, liver, kidneys, hearing organs, visual | | | | | | | | |
| | organ toxicity - | organs. | | | | | | | | |
| | repeated exposure | | | | | | | | | |
| Interactive effects | No information availa | ble. | | | | | | | | |
| CHCCIS | | | | | | | | | | |

Other information

The oral acute toxicity estimate (ATE) of the mixture was calculated to be greater than 50 mg/kg but lower than 300 mg/kg. This value is classified according to GHS: Acute toxicity, oral (Category 3). The skin acute toxicity estimates (ATE) of the mixture was calculated to be greater than 1000 mg/kg but lower than 2000 mg/kg. This value is classified according to GHS: Acute toxicity, dermal (Category 4). The acute toxicity estimate (ATE) by inhalation of the mixture was calculated to be greater than 10 mg/L/4h but lower than 20 mg/L/4h. This value is classified according to GHS: Acute toxicity, inhalation (Category 4).

| 12. Ecologic | eal information | | | | | | |
|---------------------------|--|--|--|--|--|--|--|
| Ecological toxicity | Fish - Oncorhynchus mykiss - Rainbow trout Aquatic Invertebrate - Daphnia Magna, Water flea, fresh water Fish - Lepomis macrochirus - Bluegill Aquatic Invertebrate - Daphnia Magna, Water flea, fresh water Fish - Pimephales promelas (fathead minnow) Aquatic Plant - Chlorella vulgaris (Fresh water algae) Aquatic Invertebrate - Daphnia magna (Water flea) LC50 5.8 mg/L; 96 h (CAS no 108-88-3) LC50 15400 mg/L; 96 h (CAS no 67-56-1) EC50 >10000 mg/L; 48 h (CAS no 67-56-1) LC50 2.5 mg/L; 96 h (CAS no 110-54-3) EC50 12.84 mg/L; 3 h (CAS no 110-54-3) EC50 3.88 mg/L; 48 h (CAS no 110-54-3) | | | | | | |
| Persistence | Contains an or many ingredients that may be persistent in aquatic environment. | | | | | | |
| Degradability | Methanol is readily biodegradable under aerobic and anaerobic conditions (OECD Test Guideline 301D). His atmospheric degradation (OH radical attack) in air has a half-time T½ of 17 to 18 days. Toluene in air is rapidly decomposed by photochemical processes, mainly through oxidation by hydroxyl free radicals as well as some decomposition by direct photolysis. The half-life time in air is estimated to be from 1 to 2 days. Toluene is Biodegradable (100% in 10 days, OECD 301C). Its Biochemical Oxygen Demand (BOD) is 2150 mg O2/L (IUCLID) and its Chemical Oxygen Demand (COD) is 2520 mg O2/g (IUCLID). n-Hexane (CAS no 110-54-3) was 98% degraded at the end of 28 days, and 83% degraded at the end of the 10-day window in test of biodegradation in water (OECD Guideline 301F). | | | | | | |
| Bioaccumulative potential | Methanol is soluble in water and has a low Bioconcentration Factor (BCF) <10 and a log Kow of -0.74. It is not expected to accumulate in food chains. Toluene has Bioconcentration Factor (BCF) in two fish species of 13 and 90, and its partition factor Log Kow of 2,65. These values suggest a low to moderate potential of bioaccumulation. The Log Kow values of 3.9 and estimated bioconcentration factor (BCF) values from 170 to 501 indicate that n-hexane (CAS no 110-54-3) does not greatly bioaccumulate in the lipids of ecological receptors. | | | | | | |
| Mobility in soil | Methanol will rapidly evaporate into the atmosphere and it has a high mobility in soil based on the high solubility in water. Toluene will rapidly evaporate into the atmosphere because of its low soil absorption and its low solubility in water. Its Koc values range from 37 to 178 in a sandy soil suggest that toluene is expected to have high to moderate mobility in soil (TOXNET Data). The Koc of n-hexane (CAS no 110-54-3) can be estimated to be 130, which suggests that n-hexane is expected to have high mobility in soil. The distribution of the n-hexane in the environmental compartments was calculated to be 91.6% to air, 4.9% to water, 0.7% to sediment and 2.8% to soil. | | | | | | |
| Other adverse effects | This chemical does not deplete the ozone layer. | | | | | | |

13. Disposal considerations

Container



Important! Prevent waste generation. Use in full. DO NOT dispose residue in sewers, streams or drinking water supply. DO NOT puncture or burn even after use. Organic solvents and wastes residues can be reprocessed (recycle) where there is a recovery program. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.

| 14. Transport in | formation |
|--------------------------------------|---|
| UN Number | UN 1992 |
| UN Proper Shipping Name | FLAMMABLE LIQUID, TOXIC, N.O.S. (hexane, methanol) |
| Environmental hazards | This material does not contain marine pollutant. |
| Special precautions for user | Permit required for transportation with proper DANGER placards displayed on vehicle. Exemption available: LTD QTY according to TDG Canada - art. 1.17; Mode of transportation: rail, sea and road, applicable for Canadian domestic shipments. Quantitative limits: applicable for domestic containers (plastic bottles, glass or metal) containing =< 1L each. |
| TDG - Transportation of | f Dangerous Goods (Canada) |
| Transport hazard class(es) | Class 3 Class 6.1 |
| Packing group | |
| Emergency response guidebook 2016 | 131 |
| IMO/IMDG - Internation | al Maritime Transport |
| Classification | UN 1992. FLAMMABLE LIQUID, TOXIC, N.O.S. (haxane, methanol). Class 3 (6.1), P.G. II Emergency schedules (EmS-No) F-E, S-D |
| IATA - International Air | Transport Association |
| Classification | UN 1992. FLAMMABLE LIQUID, TOXIC, N.O.S. (haxane, methanol). Class 3 (6.1), P.G. II |
| These transportation classifications | are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper |

15. Regulatory information

CANADA

| Common name | CAS | CEPA | DSL | NDSL | NPRI |
|----------------------------|------------|------|-----|------|------|
| Methanol | 67-56-1 | X | Χ | | Χ |
| Toluene | 108-88-3 | Χ | X | | Χ |
| Hexane, mixture of isomers | 92112-69-1 | X | X | | X |
| n-Hexane | 110-54-3 | X | X | | Χ |

- CEPA: List of Toxic Substances Managed Under Canadian Environmental Protection Act

transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.

- DSL: Domestic Substances List Inventory
- NDSL: Non-Domestic Substances List Inventory
- NPRI: National Pollutant Release Inventory Substances

UNITED STATE OF AMERICA

| Common name | CAS | TSCA | CER CLA | EPCRA 313 | EPCRA 302/304 | CAA 112(b) HON | CAA 112(b) HAP | CAA 112(r) | CWA 311 | CWA Prio. |
|----------------------------|------------|------|------------|--------------|------------------|----------------------|----------------------|---------------|------------|--------------|
| Methanol | 67-56-1 | Χ | Χ | Х | | Х | Х | | | |
| Toluene | 108-88-3 | Х | Х | Х | | Х | Х | | Х | Χ |
| Hexane, mixture of isomers | 92112-69-1 | Х | | | | | | | | |

| n-Hexane | 110-54-3 | Χ | Х | X | X | Χ | | | |
|-------------------------|--|-------------|--------------|-------------|------------------|----------------|-------------|------------|--------------|
| TSCA: Toxic Sub | stance Control Act | | • | ' | <u>.</u> | | • | • | • |
| | ehensive Environm | | | | | | | stances | |
| | ergency Planning a | | | | | | | | |
| | Emergency Planni | | | | | | | | Substance |
| | : Clean Air Act - Ha | | | | | Hazardous | s Air Pollu | tant | |
| | : Clean Air Act - Ha | | | | | | | | |
| | n Air Act - Regulate Water Act - List of I | | | | ase Prevention | | | | |
| | an Water Act - Price | | | .C3 | | | | | |
| OWNER HOLITY: OR | an Water Not 1 ne | inty i ona | iani not | | | | | | |
| | | | | | | | | | |
| California Propos | ition 65 | | | | | | | /I / I/ | |
| | 0.40 | | | W | | 10.0 | | <u> </u> | VIL |
| Common name Methanol | CAS 67-56-1 | | Cancer | | Reproductive an | ia Develo | | OXICITY | |
| Toluene | 108-88-3 | | | | | | X | | |
| n-Hexane | 110-54-3 | | | | | | X | | |
| II-I IEXAIIE | 110-54-0 | | | | | | X | | |
| Other | | | | | | | | | |
| regulations | | | | | | | | | |
| A land | HMIS | | IFPA | | | | | | |
| | Heath | • | <u> </u> | | | | | | |
| | Flamability | | | | | | | | |
| | Reactivity | | | | | | | | |
| | Protective Equipmer | nt | | | | | | | |
| | | | | | 1.00 | | | | |
| | | | | | | | | | |
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| Other | REFERENCES: | | | | | | | | |
| information | - Haz-Map, Inform | ation on l | Hazardoue | Chomicals | and Occupational | Diceases | https://ba | z man a | om/ |
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| Version | 03 |
| Other information | REFERENCES: - Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, https://haz-map.com/ - Service du répertoire toxicologique de la Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST), http://www.reptox.csst.qc.ca - The National Center for Biotechnology Information, National Institutes of Health (NIH), U.S. National Library of Medicine, https://pubchem.ncbi.nlm.nih.gov/ - NIOSH Pocket Guide to Chemical Hazards, Centers for Disease Control and Prevention, NIOSH Publications, 2007, http://www.cdc.gov/niosh/npg/npg.html - IPCS INCHEM, Chemical Safety Information from Intergovernmental Organizations, Canadian Centre for Occupational Health and Safety (CCOHS), Copyright International Programme on Chemical Safety (IPCS), http://www.inchem.org DATE OF FIRST VERSION OF SDS: 2017-03-09. CHANGES MADE IN THE VERSION 02: section 3. DATE OF SECOND VERSION OF SDS: 2019-07-31. CHANGES MADE IN THE VERSION 03: section 1. |
| | ACGIH: American Conference of Governmental Industrial Hygienists AIHA: American Industrial Hygiene Association HMIS: Hazardous Materials Identification System NFPA: National Fire Protection Association OSHA: Occupational Safety and Health Administration (USA) |



