

SAFETY DATA SHEET

1. Identification

Product identifier: HYDRA-POINT™ KARL FISCHER COULOMETRIC VESSEL SOLU, HYDRA-POINT™ KARL FISCHER COULOMETRIC VESSEL SOLUTION, FOR DIAPHRAGMLESS CELL, CHLOROFORM-FREE

Other means of identification

Product No.: 6285

Recommended use and restriction on use

Recommended use: Not determined.

Restrictions on use: Not determined.

Details of the supplier of the safety data sheet

Avantor Performance Materials, LLC.
3477 Corporate Parkway
Center Valley, PA 18034

Telephone:

Fax:

Contact Person:

E-mail:

Customer Service: 855-282-6867
610-573-2610
Environmental Health & Safety
info@avantormaterials.com

Emergency telephone number:

CHEMTREC: 1-800-424-9300 within US and Canada

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable liquids Category 3

Health Hazards

| | |
|-----------------------------------|-------------|
| Acute toxicity (Oral) | Category 4 |
| Serious Eye Damage/Eye Irritation | Category 2B |
| Skin sensitizer | Category 1B |
| Carcinogenicity | Category 2 |
| Toxic to reproduction | Category 1B |

Unknown toxicity - Health

| | |
|--|-------|
| Acute toxicity, oral | 0 % |
| Acute toxicity, dermal | 0 % |
| Acute toxicity, inhalation, vapor | 100 % |
| Acute toxicity, inhalation, dust or mist | 100 % |

Environmental Hazards

Acute hazards to the aquatic environment

Category 3

Unknown toxicity - Environment

Acute hazards to the aquatic environment 0 %

Chronic hazards to the aquatic environment 100 %

Label Elements

Hazard Symbol:



Signal Word:

Danger

Hazard Statement:

Flammable liquid and vapor.
Harmful if swallowed.
May be harmful in contact with skin.
Causes mild skin irritation.
May cause an allergic skin reaction.
Causes eye irritation.
Suspected of causing cancer.
May damage fertility or the unborn child.
Harmful to aquatic life.

Precautionary Statements

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. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water [or shower]. If skin irritation or rash occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. In case of fire: Use water spray, foam, dry powder or carbon dioxide for extinction.

Storage:

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:

Dispose of contents/container to an appropriate treatment and disposal

facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification:

None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | Content in percent (%)* |
|--|--------------------------|-------------|-------------------------|
| Methyl alcohol | | 67-56-1 | 40 - 60% |
| 2-METHOXYETHANOL | | 109-86-4 | 20 - 40% |
| Proprietary Alkanolamine, TSRN004314011-5015 | | Proprietary | 10 - 20% |
| SULFUR DIOXIDE | | 7446-09-5 | 2,5 - 10% |
| Proprietary Azole, TSRN004314011-5016 | | Proprietary | 2,5 - 10% |
| Iodine | | 7553-56-2 | 0 - 2,2% |

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

4. First-aid measures

General information:

Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand.

Ingestion:

Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Never give liquid to an unconscious person.

Inhalation:

Move to fresh air. Apply artificial respiration if victim is not breathing. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.

Skin Contact:

Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. Call a physician or poison control center immediately. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact:

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

Most important symptoms/effects, acute and delayed

Symptoms:

Irritating to eyes, respiratory system and skin. May be fatal if swallowed.

Hazards:

None known.

Indication of immediate medical attention and special treatment needed

Treatment:

Symptoms may be delayed.

5. Fire-fighting measures

General Fire Hazards: Flammable liquid and vapor.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, fog, CO₂, dry chemical, or alcohol resistant foam.

Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

Specific hazards arising from the chemical: Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Heat may cause the containers to explode.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Methods and material for containment and cleaning up: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal.

Notification Procedures: Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Wash hands thoroughly after handling. Avoid contact with eyes, skin, and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Keep container tightly closed. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Ground container and transfer equipment to eliminate static electric sparks.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

| Chemical Identity | Type | Exposure Limit Values | Source |
|-------------------|------------|-------------------------------|---|
| Methyl alcohol | STEL | 328 mg/m ³ | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| | TWA | 262 mg/m ³ | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| Methyl alcohol | STEL | 250 ppm | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| | TWA | 200 ppm | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| Methyl alcohol | TWA | 200 ppm | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2011) |
| | STEL | 250 ppm | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2011) |
| Methyl alcohol | STEL | 250 ppm | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| | TWA | 200 ppm | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Methyl alcohol | 15 MIN ACL | 250 ppm | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| | 8 HR ACL | 200 ppm | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| Methyl alcohol | TWA | 262 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| | STEL | 328 mg/m ³ | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Methyl alcohol | TWA | 200 ppm | US. ACGIH Threshold Limit Values (2011) |
| | STEL | 250 ppm | US. ACGIH Threshold Limit Values (2011) |
| 2-METHOXYETHANOL | TWA | 0,1 ppm 0,3 mg/m ³ | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| 2-METHOXYETHANOL | TWA | 0,1 ppm | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| 2-METHOXYETHANOL | TWA | 0,1 ppm | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2011) |
| 2-METHOXYETHANOL | TWA | 0,1 ppm | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| 2-METHOXYETHANOL | 8 HR ACL | 5 ppm | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| | 15 MIN ACL | 8 ppm | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |

| | | | | |
|--|------------|----------|------------|---|
| 2-METHOXYETHANOL | TWA | 5 ppm | 16 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| 2-METHOXYETHANOL | TWA | 0,1 ppm | | US. ACGIH Threshold Limit Values (2011) |
| Proprietary Alkanolamine, TSRN004314011-5015 | TWA | | 2 mg/m3 | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| Proprietary Alkanolamine, TSRN004314011-5015 | TWA | | 2 mg/m3 | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (09 2011) |
| Proprietary Alkanolamine, TSRN004314011-5015 - Inhalable fraction and vapor. | TWA | | 1 mg/m3 | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2011) |
| Proprietary Alkanolamine, TSRN004314011-5015 - Inhalable fraction and vapor. | TWA | | 1 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Proprietary Alkanolamine, TSRN004314011-5015 | 8 HR ACL | | 2 mg/m3 | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| | 15 MIN ACL | | 4 mg/m3 | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| Proprietary Alkanolamine, TSRN004314011-5015 | TWA | 3 ppm | 13 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Proprietary Alkanolamine, TSRN004314011-5015 - Inhalable fraction and vapor. | TWA | | 1 mg/m3 | US. ACGIH Threshold Limit Values (2011) |
| SULFUR DIOXIDE | STEL | 5 ppm | 13 mg/m3 | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| | TWA | 2 ppm | 5,2 mg/m3 | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| SULFUR DIOXIDE | TWA | 2 ppm | | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| | STEL | 5 ppm | | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007) |
| SULFUR DIOXIDE | STEL | 0,25 ppm | | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2011) |
| SULFUR DIOXIDE | STEL | 5 ppm | 10,4 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| | TWA | 2 ppm | 5,2 mg/m3 | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| SULFUR DIOXIDE | 8 HR ACL | 2 ppm | | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| | 15 MIN ACL | 5 ppm | | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| SULFUR DIOXIDE | STEL | 5 ppm | 13 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| | TWA | 2 ppm | 5,2 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |

| | | | |
|--|---------|-------------------|---|
| SULFUR DIOXIDE | STEL | 0,25 ppm | US. ACGIH Threshold Limit Values (2011) |
| Iodine | CEILING | 0,1 ppm 1 mg/m3 | Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2) (07 2009) |
| Iodine | CEILING | 0,1 ppm | Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (09 2011) |
| Iodine - Inhalable fraction and vapor. | TWA | 0,01 ppm | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2014) |
| Iodine - Vapor and aerosol. | STEL | 0,1 ppm | Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act) (03 2014) |
| Iodine - Inhalable fraction and vapor. | TWA | 0,01 ppm | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010) |
| Iodine | Ceiling | 0,1 ppm | Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) (05 2009) |
| Iodine | CEILING | 0,1 ppm 1,0 mg/m3 | Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008) |
| Iodine - Vapor and aerosol. | STEL | 0,1 ppm | Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (06 2015) |
| Iodine - Inhalable fraction and vapor. | TWA | 0,01 ppm | US. ACGIH Threshold Limit Values (03 2014) |
| Iodine - Vapor and aerosol. | STEL | 0,1 ppm | US. ACGIH Threshold Limit Values (03 2014) |

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

General information:

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. An eye wash and safety shower must be available in the immediate work area. Use explosion-proof ventilation equipment.

Eye/face protection:

Wear safety glasses with side shields (or goggles). Wear face shield if there is risk of splashes.

Skin Protection

Hand Protection:

No data available.

Other:

Wear suitable protective clothing and gloves.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator.

Hygiene measures:

Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not get in eyes. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Do not get this material in contact with skin. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

9. Physical and chemical properties

Appearance

Physical state:

Liquid

Form:

Liquid

Color:

Light brown

Odor:

Odor of sulfur dioxide

Odor threshold:

No data available.

| | |
|--|----------------------|
| pH: | No data available. |
| Melting point/freezing point: | < 0 °C |
| Initial boiling point and boiling range: | 124 °C |
| Flash Point: | 46 °C |
| Evaporation rate: | No data available. |
| Flammability (solid, gas): | No data available. |
| Upper/lower limit on flammability or explosive limits | |
| Flammability limit - upper (%): | 24,2 %(V) |
| Flammability limit - lower (%): | 3,8 %(V) |
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Vapor pressure: | estimated 33,3 kPa |
| Vapor density: | No data available. |
| Density: | 1,01 g/ml (20 °C) |
| Relative density: | 1,01 (20 °C) |
| Solubility(ies) | |
| Solubility in water: | Miscible with water. |
| Solubility (other): | No data available. |
| Partition coefficient (n-octanol/water): | No data available. |
| Auto-ignition temperature: | estimated 321 °C |
| Decomposition temperature: | No data available. |
| Viscosity: | No data available. |

10. Stability and reactivity

| | |
|--|---|
| Reactivity: | No dangerous reaction known under conditions of normal use. |
| Chemical Stability: | Material is stable under normal conditions. |
| Possibility of hazardous reactions: | Hazardous polymerization does not occur. |
| Conditions to avoid: | Heat, sparks, flames. |
| Incompatible Materials: | Strong oxidizing agents. |
| Hazardous Decomposition Products: | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

11. Toxicological information

Information on likely routes of exposure

| | |
|----------------------|--|
| Inhalation: | May cause irritation to the respiratory system. |
| Skin Contact: | Causes skin irritation. |
| Eye contact: | May irritate eyes. |
| Ingestion: | May be fatal or cause blindness if swallowed. Cannot be made nonpoisonous. |

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix: 322,06 mg/kg

Dermal

Product: ATEmix: 3.200 mg/kg

Inhalation

Product: No data available.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: May cause sensitization by inhalation and skin contact.

Carcinogenicity

Product: Suspected of causing cancer.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

Proprietary
Alkanolamine,
TSRN004314011-
5015

Overall evaluation: 2B. Possibly carcinogenic to humans.

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

No carcinogenic components identified

ACGIH Carcinogen List:

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

| | |
|-----------------------------------|--------------------|
| Product: | No data available. |
| Aspiration Hazard Product: | No data available. |
| Other effects: | No data available. |

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

| | |
|----------------------|--------------------|
| Fish Product: | No data available. |
|----------------------|--------------------|

| | |
|---------------------------------------|--------------------|
| Aquatic Invertebrates Product: | No data available. |
|---------------------------------------|--------------------|

Chronic hazards to the aquatic environment:

| | |
|----------------------|--------------------|
| Fish Product: | No data available. |
|----------------------|--------------------|

| | |
|---------------------------------------|--------------------|
| Aquatic Invertebrates Product: | No data available. |
|---------------------------------------|--------------------|

| | |
|--|--------------------|
| Toxicity to Aquatic Plants Product: | No data available. |
|--|--------------------|

Persistence and Degradability

| | |
|--------------------------------|---|
| Biodegradation Product: | There are no data on the degradability of this product. |
|--------------------------------|---|

| | |
|-------------------------------|--------------------|
| BOD/COD Ratio Product: | No data available. |
|-------------------------------|--------------------|

Bioaccumulative potential

Bioconcentration Factor (BCF)

| | |
|-----------------|---------------------------------------|
| Product: | No data available on bioaccumulation. |
|-----------------|---------------------------------------|

Partition Coefficient n-octanol / water (log K_{ow})

| | |
|-----------------|--------------------|
| Product: | No data available. |
|-----------------|--------------------|

| | |
|--------------------------|--|
| Mobility in soil: | The product is partly soluble in water. May spread in the aquatic environment. |
|--------------------------|--|

| | |
|-------------------------------|--|
| Other adverse effects: | The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. |
|-------------------------------|--|

13. Disposal considerations

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|-------------------------------|---|
| Disposal instructions: | Discharge, treatment, or disposal may be subject to national, state, or local laws. |
|-------------------------------|---|

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport information

TDG

| | |
|-------------------------------|---|
| UN Number: | UN 1993 |
| UN Proper Shipping Name: | FLAMMABLE LIQUID, N.O.S.(CONTAINS METHANOL, ETHYLENE GLYCOL MONOMETHYL ETHER) |
| Transport Hazard Class(es) | |
| Class: | 3 |
| Label(s): | 3 |
| Packing Group: | III |
| Marine Pollutant: | No |
| Special precautions for user: | Not determined. |

IMDG

| | |
|-------------------------------|---|
| UN Number: | UN 1993 |
| UN Proper Shipping Name: | FLAMMABLE LIQUID, N.O.S.(CONTAINS METHANOL, ETHYLENE GLYCOL MONOMETHYL ETHER) |
| Transport Hazard Class(es) | |
| Class: | 3 |
| Label(s): | 3 |
| EmS No.: | F-E, S-E |
| Packing Group: | III |
| Marine Pollutant: | No |
| Special precautions for user: | Not determined. |

IATA

| | |
|-------------------------------|---|
| UN Number: | UN 1993 |
| UN Proper Shipping Name: | Flammable liquid, n.o.s.(contains Methanol, Ethylene glycol monomethyl ether) |
| Transport Hazard Class(es): | |
| Class: | 3 |
| Label(s): | 3 |
| Packing Group: | III |
| Marine Pollutant: | No |
| Special precautions for user: | Not determined. |
| Cargo aircraft only: | Allowed. |

Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable

15. Regulatory information

Canada Federal Regulations

List of Toxic Substances (CEPA, Schedule 1)

Chemical Identity

2-METHOXYETHANOL
SULFUR DIOXIDE

Export Control List (CEPA 1999, Schedule 3)

Chemical Identity

2-METHOXYETHANOL

National Pollutant Release Inventory (NPRI)

Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements

NPRI PT5 Methyl alcohol

Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)

| | |
|------|---------------------------|
| NPRI | Methyl alcohol2- |
| | METHOXYETHANOLProprietary |
| | Alkanolamine, |
| | TSRN004314011-5015SULFUR |
| | DIOXIDE |

Greenhouse Gases

Not Regulated

Controlled Drugs and Substances Act

| | |
|------------|---------------|
| CA CDSI | Not Regulated |
| CA CDSII | Not Regulated |
| CA CDSIII | Not Regulated |
| CA CDSIV | Not Regulated |
| CA CDSV | Not Regulated |
| CA CDSVII | Not Regulated |
| CA CDSVIII | Not Regulated |

Precursor Control Regulations

Not Regulated

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

Inventory Status:

| | |
|--|--|
| Australia AICS: | On or in compliance with the inventory |
| Canada DSL Inventory List: | On or in compliance with the inventory |
| EINECS, ELINCS or NLP: | On or in compliance with the inventory |
| Japan (ENCS) List: | Not in compliance with the inventory. |
| China Inv. Existing Chemical Substances: | Not in compliance with the inventory. |
| Korea Existing Chemicals Inv. (KECI): | On or in compliance with the inventory |
| Canada NDSL Inventory: | Not in compliance with the inventory. |
| Philippines PICCS: | On or in compliance with the inventory |
| US TSCA Inventory: | On or in compliance with the inventory |
| New Zealand Inventory of Chemicals: | On or in compliance with the inventory |
| Japan ISHL Listing: | Not in compliance with the inventory. |
| Japan Pharmacopoeia Listing: | Not in compliance with the inventory. |

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

Revision Date: 22.05.2018

Version #: 1.1

Further Information: No data available.

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