

## SAFETY DATA SHEET

Creation Date 27-Jan-2010

Revision Date 13-Aug-2024

Revision Number 11

|                                         | 1. Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                            | Dichloromethane, anhydrous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cat No. :                               | AC610300000; AC610300010; AC61030019R; AC61030019S;<br>AC61030050R; AC61030050S; AC610301000; AC61030115R;<br>AC61030115S; AC61030200R; AC61030200S; AC61030RS19;<br>AC61030RS28; NC1233073                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CAS No<br>Synonyms                      | 75-09-2<br>Dichloromethane; DCM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Use<br>Uses advised against | Laboratory chemicals.<br>. This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.<br>After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/ product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant; (2) Processing for incorporation into a formulation, mixture, or reaction product; (3) Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical; (6) Industrial or commercial use as a bonding agent for solvent welding; (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion sensitive components of aircraft and spacecraft; (8) Industrial and commercial use as a processing aid; (9) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed; (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029; (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029; (13) Disposal; and (14) Export. |

### Details of the supplier of the safety data sheet

**Company** Fisher Scientific Company One Reagent Lane Fair Lawn, NJ 07410 Tel: (201) 796-7100

Acros Organics One Reagent Lane Fair Lawn, NJ 07410

### **Emergency Telephone Number**

For information **US** call: 001-800-227-6701 / **Europe** call: +32 14 57 52 11 Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99 **CHEMTREC** Tel. No. **US**:001-800-424-9300 / **Europe**:001-703-527-3887

### 2. Hazard(s) identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| Skin Corrosion/Irritation<br>Serious Eye Damage/Eye Irritation | Category 2<br>Category 2 |
|----------------------------------------------------------------|--------------------------|
| Carcinogenicity                                                | Category 1B              |
| Specific target organ toxicity (single exposure)               | Category 3               |
| Target Organs - Central nervous system (CNS).                  |                          |
| Specific target organ toxicity - (repeated exposure)           | Category 2               |
| Target Organs - Liver, Kidney, Blood.                          |                          |

### Label Elements

Signal Word Danger

### **Hazard Statements**

Causes skin irritation Causes serious eye irritation May cause drowsiness or dizziness May cause cancer May cause damage to organs through prolonged or repeated exposure



### Precautionary Statements Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling Wear eye/face protection Do not breathe dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

### Response

IF exposed or concerned: Get medical attention/advice

### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing **Skin** 

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

### Eyes

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

### Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed **Disposal** Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

### Other hazards

Contains a known or suspected endocrine disruptor. WARNING. Cancer - https://www.p65warnings.ca.gov/.

### 3. Composition/Information on Ingredients

| Component<br>Methylene chloride     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CAS No                                                                                                          | Weight % |  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------|--|
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 75-09-2                                                                                                         | >99.5    |  |
|                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | First aid massives                                                                                              |          |  |
|                                     | 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | First-aid measures                                                                                              |          |  |
| General Advice                      | If symptoms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | persist, call a physician.                                                                                      |          |  |
| Eye Contact                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. |          |  |
| Skin Contact                        | Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                 |          |  |
| Inhalation                          | Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                 |          |  |
| Ingestion                           | Clean mouth with water and drink afterwards plenty of water.                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                 |          |  |
| Most important symptoms and effects | Difficulty in breathing. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting: Causes central nervous system depression: Continued or high exposures by inhalation will cause anaesthetic effects. This may result in a loss of consciousness and could prove fatal: Causes formation of carbon monoxide in the blood. Carbon monoxide may cause adverse effects on the cardiovascula system and the central nervous system |                                                                                                                 |          |  |
| Notes to Physician                  | Treat symptomatically                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                 |          |  |
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                 |          |  |

### 5. Fire-fighting measures

| Suitable Extinguishing Media                                          | Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam. |  |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------|--|
| Unsuitable Extinguishing Media                                        | No information available                                                 |  |
| Flash Point<br>Method -                                               | No information available<br>No information available                     |  |
| Autoignition Temperature                                              | 556 °C / 1032.8 °F                                                       |  |
| Explosion Limits<br>Upper<br>Lower<br>Sensitivity to Mechanical Impac | 23 vol %<br>13 vol %<br>st No information available                      |  |

### Sensitivity to Static Discharge No information available

### **Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

### Hazardous Combustion Products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Phosgene. Hydrogen chloride gas.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### NFPA

| <u>MITA</u> | Health<br>2        | Flammability<br>1                                                                                                                         | Instability<br>0 | Physical hazards<br>N/A |
|-------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|
|             |                    | 6. Accidental rel                                                                                                                         | ease measures    |                         |
| Personal    | Precautions        | Use personal protective equipment as required. Ensure adequate ventilation. Avoid breathing vapors or mists. Wear respiratory protection. |                  |                         |
| Environn    | nental Precautions | Should not be released into                                                                                                               |                  |                         |

Methods for Containment and Clean Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Up

|          | 7. Handling and storage                                                                                                                                                                                                                                                                                         |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | Wear personal protective equipment/face protection. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Vapors are heavier than air and may spread along floors. Handle product only in closed system or provide appropriate exhaust ventilation. Reacts with aluminum and its alloys. |
| Storage. | Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store in aluminum containers. Incompatible Materials. Strong oxidizing agents. Strong acids. Amines.                                                                                                                            |

### 8. Exposure controls / personal protection

### Exposure Guidelines

| Component          | ACGIH TLV   | OSHA PEL                                                                                                          | NIOSH          | Mexico OEL (TWA) |
|--------------------|-------------|-------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| Methylene chloride | TWA: 50 ppm | (Vacated) TWA: 500 ppm<br>(Vacated) STEL: 2000 ppm<br>(Vacated) Ceiling: 1000 ppm<br>TWA: 25 ppm<br>STEL: 125 ppm | IDLH: 2300 ppm | TWA: 50 ppm      |

### <u>Legend</u>

ACGIH - American Conference of Governmental Industrial Hygienists OSHA - Occupational Safety and Health Administration NIOSH: NIOSH - National Institute for Occupational Safety and Health

| Engineering Measures          | Use only under a chemical fume hood. Ensure that eyewash stations and safety showers are close to the workstation location.                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Protective Equipment |                                                                                                                                                                             |
| Eye/face Protection           | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. |

| Skin and body protection | Wear appropriate protective gloves and clothing to prevent skin exposure.                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory Protection   | Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. |
| Recommended Filter type: | low boiling organic solvent. Type AX. Brown. conforming to EN371.                                                                                                                                                                                 |
| Hygiene Measures         | Handle in accordance with good industrial hygiene and safety practice.                                                                                                                                                                            |

| 9. | Physical | and | chemical | properties |
|----|----------|-----|----------|------------|
|    |          |     | Liquid   |            |

| Physical State                         |
|----------------------------------------|
| Appearance                             |
| Odor                                   |
| Odor Threshold                         |
| рН                                     |
| Melting Point/Range                    |
| Boiling Point/Range                    |
| Flash Point                            |
| Evaporation Rate                       |
| Flammability (solid,gas)               |
| Flammability or explosive limits       |
| Upper                                  |
| Lower                                  |
| Vapor Pressure                         |
| Vapor Density                          |
| Specific Gravity                       |
| Solubility                             |
| Partition coefficient; n-octanol/water |
| Autoignition Temperature               |
| Decomposition Temperature              |
| Viscosity                              |
| Molecular Formula                      |
| Molecular Weight                       |
|                                        |

Colorless sweet No information available No information available -97 °C / -142.6 °F 39 °C / 102.2 °F No information available No information available Not applicable 23 vol % 13 vol % 350 mbar @ 20°C 2.93 1.33 No information available No data available 556 °C / 1032.8 °F No information available 0.42 mPas @ 25°C C H2 Cl2 84.93

### 10. Stability and reactivity

| Reactive Hazard                                                                                              | None known, based on information available                       |  |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--|
| Stability                                                                                                    | Stable under normal conditions. Decomposes on exposure to light. |  |
| Conditions to Avoid                                                                                          | Excess heat. Protect from direct sunlight.                       |  |
| Incompatible Materials                                                                                       | Strong oxidizing agents, Strong acids, Amines                    |  |
| Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO2), Phosgene, Hydrogen chloride gas |                                                                  |  |
| Hazardous Polymerization                                                                                     | Hazardous polymerization does not occur.                         |  |
| Hazardous Reactions                                                                                          | Forms a detonable mixture with nitric acid.                      |  |

### 11. Toxicological information

### Acute Toxicity

#### Product Information Component Information

| Component          | LD50 Oral          | LD50 Dermal       | LC50 Inhalation     |
|--------------------|--------------------|-------------------|---------------------|
| Methylene chloride | > 2000 mg/kg (Rat) | > 2000 mg/kg(Rat) | 53 mg/L ( Rat ) 6 h |

|                                                                                       |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                     | 76000 mg/n               | n <sup>3</sup> ( Rat ) 4 h |
|---------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|--------------------------|----------------------------|
| Toxicologically Synerg<br>Products<br>Delayed and immediate                           | -               | No information ava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           | d long-term expo    | sure_                    |                            |
| Irritation                                                                            |                 | Irritating to eyes ar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nd skin                   |                     |                          |                            |
| Sensitization                                                                         |                 | No information ava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ailable                   |                     |                          |                            |
| Carcinogenicity                                                                       |                 | The table below in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | dicates whether ea        | ach agency has list | ted any ingredient as    | s a carcinogen.            |
| Component                                                                             | CAS No          | IARC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NTP                       | ACGIH               | OSHA                     | Mexico                     |
| Methylene chloride                                                                    | 75-09-2         | Group 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Reasonably<br>Anticipated | A3                  | X<br>Research on Cancer) | A3                         |
| NTP: (National Toxic)<br>ACGIH: (American C<br>Hygienists)<br>Mexico - Occupationa    | Conference of G | Group 2A - Probably Carcinogenic to Humans<br>Group 2B - Possibly Carcinogenic to Humans<br>NTP: (National Toxicity Program)<br>Known - Known Carcinogen<br>Reasonably Anticipated - Reasonably Anticipated to be a Huma<br>Carcinogen<br>Governmental Industrial<br>A1 - Known Human Carcinogen<br>A2 - Suspected Human Carcinogen<br>A3 - Animal Carcinogen<br>ACGIH: (American Conference of Governmental Industrial Hyg<br>Mexico - Occupational Exposure Limits - Carcinogens<br>A1 - Confirmed Human Carcinogen<br>A2 - Suspected Human Carcinogen<br>A3 - Confirmed Human Carcinogen<br>A3 - Confirmed Human Carcinogen<br>A3 - Confirmed Animal Carcinogen<br>A3 - Confirmed Animal Carcinogen<br>A4 - Not Classifiable as a Human Carcinogen |                           |                     |                          |                            |
| Mutagenic Effects                                                                     |                 | No information ava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           | spected as a Human  | n Carcinogen             |                            |
| Reproductive Effects                                                                  |                 | No information ava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ailable.                  |                     |                          |                            |
| Developmental Effects                                                                 | 6               | No information ava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ailable.                  |                     |                          |                            |
| Teratogenicity                                                                        |                 | No information ava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ailable.                  |                     |                          |                            |
| STOT - single exposur<br>STOT - repeated expos                                        |                 | Central nervous system (CNS)<br>Liver Kidney Blood                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                     |                          |                            |
| Aspiration hazard                                                                     |                 | No information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                     |                          |                            |
| Symptoms / effects,bo<br>delayed                                                      | oth acute and   | nd Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting: Causes central nervous system depression: Continued high exposures by inhalation will cause anaesthetic effects. This may result in a loss of consciousness and could prove fatal: Causes formation of carbon monoxide in the bloo Carbon monoxide may cause adverse effects on the cardiovascular system and the centre nervous system.                                                                                                                                                                                                                                                                                      |                           |                     |                          |                            |
| Endocrine Disruptor Ir                                                                | nformation      | No information available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                     |                          |                            |
| Other Adverse Effects Tumorigenic effects have been reported in experimental animals. |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                     |                          |                            |

## 12. Ecological information

### Ecotoxicity

| Component          | Freshwater Algae   | Freshwater Fish      | Microtox               | Water Flea         |
|--------------------|--------------------|----------------------|------------------------|--------------------|
| Methylene chloride | EC50:>660 mg/L/96h | Pimephales promelas: | EC50: 1 mg/L/24 h      | EC50: 140 mg/L/48h |
|                    |                    | LC50:193 mg/L/96h    | EC50: 2.88 mg/L/15 min |                    |

Persistence and Degradability Persistence is unlikely based on information available.

**Bioaccumulation/ Accumulation** No information available.

Mobility

Will likely be mobile in the environment due to its volatility.

| Component          | log Pow |
|--------------------|---------|
| Methylene chloride | 1.25    |

### 13. Disposal considerations

Waste Disposal Methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

| Component                    | RCRA - U Series Wastes | RCRA - P Series Wastes |
|------------------------------|------------------------|------------------------|
| Methylene chloride - 75-09-2 | U080                   | -                      |

|                      | 14. Transport information  |
|----------------------|----------------------------|
| DOT                  |                            |
| UN-No                | UN1593                     |
| Proper Shipping Name | DICHLOROMETHANE            |
| Hazard Class         | 6.1                        |
| Packing Group        |                            |
| TDG                  |                            |
| UN-No                | UN1593                     |
| Proper Shipping Name | DICHLOROMETHANE            |
| Hazard Class         | 6.1                        |
| Packing Group        |                            |
| <u>IATA</u>          |                            |
| UN-No                | UN1593                     |
| Proper Shipping Name | Dichloromethane            |
| Hazard Class         | 6.1                        |
| Packing Group        |                            |
| IMDG/IMO             |                            |
| UN-No                | UN1593                     |
| Proper Shipping Name | Dichloromethane            |
| Hazard Class         | 6.1                        |
| Packing Group        |                            |
|                      | 15. Regulatory information |

### United States of America Inventory

| Component          | CAS No  | TSCA | TSCA Inventory notification -<br>Active-Inactive | TSCA - EPA Regulatory<br>Flags |
|--------------------|---------|------|--------------------------------------------------|--------------------------------|
| Methylene chloride | 75-09-2 | Х    | ACTIVE                                           | R                              |

### Legend:

TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

### Section 6(a) of the Toxic Substances Control Act (TSCA)

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

After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/ product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant; (2) Processing for incorporation into a formulation, mixture, or reaction product; (3)

### Dichloromethane, anhydrous

Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical; (6) Industrial or commercial use as a bonding agent for solvent welding; (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion sensitive components of aircraft and spacecraft; (8) Industrial and commercial use as a processing aid; (9) Industrial and commercial use for plastic and rubber products manufacturing; (10) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed; (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029; (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029; (13) Disposal; and (14) Export.

# TSCA - Per 40 CFR 751, Regulation of Certain Chemical Not applicable Substances & Mixtures, Under TSCA Section 6(h) (PBT)

TSCA 12(b) - Notices of Export

Not applicable

| Component          | CAS No  | TSCA 12(b) - Notices of Export |
|--------------------|---------|--------------------------------|
| Methylene chloride | 75-09-2 | Section 6                      |

### International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).

| Component          | CAS No  | DSL | NDSL | EINECS    | PICCS | ENCS | ISHL | AICS | IECSC | KECL     |
|--------------------|---------|-----|------|-----------|-------|------|------|------|-------|----------|
| Methylene chloride | 75-09-2 | Х   | -    | 200-838-9 | Х     | Х    | Х    | Х    | Х     | KE-23893 |

KECL - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

### U.S. Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Component          | CAS No  | Weight % | SARA 313 - Threshold<br>Values % | SARA 313 - Reporting<br>threasholds |
|--------------------|---------|----------|----------------------------------|-------------------------------------|
| Methylene chloride | 75-09-2 | >99.5    | 0.1 %                            | -                                   |

### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

### **CWA (Clean Water Act)**

| Component          | CWA - Hazardous<br>Substances | CWA - Reportable<br>Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants |
|--------------------|-------------------------------|--------------------------------|------------------------|---------------------------|
| Methylene chloride | -                             | -                              | Х                      | Х                         |

#### **Clean Air Act**

| Component          | HAPS Data | Class 1 Ozone Depletors | Class 2 Ozone Depletors |
|--------------------|-----------|-------------------------|-------------------------|
| Methylene chloride | Х         |                         | -                       |

### **OSHA** - Occupational Safety and

Health Administration

| Component          | Specifically Regulated Chemicals | Highly Hazardous Chemicals |
|--------------------|----------------------------------|----------------------------|
| Methylene chloride | 125 ppm STEL                     | -                          |
|                    | 12.5 ppm Action Level            |                            |
|                    | 25 ppm TWA                       |                            |

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and

Reauthorization Act (SARA) (40 CFR 355).

| Component          | Hazardous Substances<br>RQs | CERCLA Extremely<br>Hazardous Substances<br>RQs | SARA Reportable Quantity<br>(RQ) |
|--------------------|-----------------------------|-------------------------------------------------|----------------------------------|
| Methylene chloride | 1000 lb                     | -                                               | 1000 lb<br>454 kg                |

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Component                 | CAS No  | California Prop. 65 | Prop 65 NSRL            | Category   |  |
|---------------------------|---------|---------------------|-------------------------|------------|--|
| Methylene chloride        | 75-09-2 | Carcinogen          | 200 µg/day<br>50 µg/day | Carcinogen |  |
| LLO Otata Diskt ta Kuassa |         |                     |                         |            |  |

## U.S. State Right-to-Know Regulations

| Component          | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|--------------------|---------------|------------|--------------|----------|--------------|
| Methylene chloride | Х             | Х          | Х            | Х        | Х            |

### U.S. Department of Transportation

| Reportable Quantity (RQ):   | Y |
|-----------------------------|---|
| DOT Marine Pollutant        | N |
| DOT Severe Marine Pollutant | N |

# U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

## Other International Regulations

Mexico - Grade

No information available

### Authorisation/Restrictions according to EU REACH

| Component          | CAS No  | REACH (1907/2006) -<br>Annex XIV - Substances<br>Subject to Authorization | 5                                                                                                                                                      | REACH Regulation (EC<br>1907/2006) article 59 -<br>Candidate List of<br>Substances of Very High<br>Concern (SVHC) |
|--------------------|---------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Methylene chloride | 75-09-2 | -                                                                         | Use restricted. See entry<br>59.<br>(see link for restriction<br>details)<br>Use restricted. See entry<br>75.<br>(see link for restriction<br>details) | -                                                                                                                 |

### **REACH links**

https://echa.europa.eu/substances-restricted-under-reach

### Safety, health and environmental regulations/legislation specific for the substance or mixture

| Component          | CAS No  | OECD HPV | Persistent Organic<br>Pollutant | Ozone Depletion<br>Potential | Restriction of<br>Hazardous<br>Substances (RoHS) |
|--------------------|---------|----------|---------------------------------|------------------------------|--------------------------------------------------|
| Methylene chloride | 75-09-2 | Listed   | Not applicable                  | Not applicable               | Not applicable                                   |

### Contains component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS)? Not applicable

### Other International Regulations

| Component          |         | Seveso III Directive<br>(2012/18/EC) -<br>Qualifying Quantities<br>for Major Accident<br>Notification | for Safety Report<br>Requirements |                | Basel Convention<br>(Hazardous Waste) |
|--------------------|---------|-------------------------------------------------------------------------------------------------------|-----------------------------------|----------------|---------------------------------------|
| Methylene chloride | 75-09-2 | Not applicable                                                                                        | Not applicable                    | Not applicable | Annex I - Y45                         |

| 16. Other information                                            |                                                                                                                                                                                                                                                                                            |  |  |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
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Disclaimer

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### End of SDS