# SAFETY DATA SHEET **spectrum**<sup>®</sup>

Revision date 15-December-2022

| 1. Identification                                                                                                    |                                                 |  |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--|
| Product identifier                                                                                                   |                                                 |  |
| Product Name                                                                                                         | ANTIMONY TRICHLORIDE TS, (U.S.P. TEST SOLUTION) |  |
| Other means of identification                                                                                        |                                                 |  |
| Product Code(s)                                                                                                      | A-317                                           |  |
| UN/ID no                                                                                                             | UN2922                                          |  |
| Synonyms                                                                                                             | None                                            |  |
| Recommended use of the chemica                                                                                       | l and restrictions on use                       |  |
| Recommended use                                                                                                      | No information available                        |  |
| Restrictions on use                                                                                                  | No information available                        |  |
| Details of the supplier of the safety                                                                                | data sheet                                      |  |
| Supplier Address<br>Spectrum Chemical Mfg. Corp.<br>14422 South San Pedro St.<br>Gardena, CA 90248<br>(310) 516-8000 |                                                 |  |

Emergency telephone number

**Emergency Telephone** 

Chemtrec 1-800-424-9300

# 2. Hazard(s) identification

# **Classification**

| Acute toxicity - Oral                              | Category 4                |
|----------------------------------------------------|---------------------------|
| Skin corrosion/irritation                          | Category 1 Sub-category A |
| Serious eye damage/eye irritation                  | Category 1                |
| Carcinogenicity                                    | Category 2                |
| Reproductive toxicity                              | Category 2                |
| Specific target organ toxicity (single exposure)   | Category 3                |
| Specific target organ toxicity (repeated exposure) | Category 2                |
| Corrosive to metals                                | Category 1                |

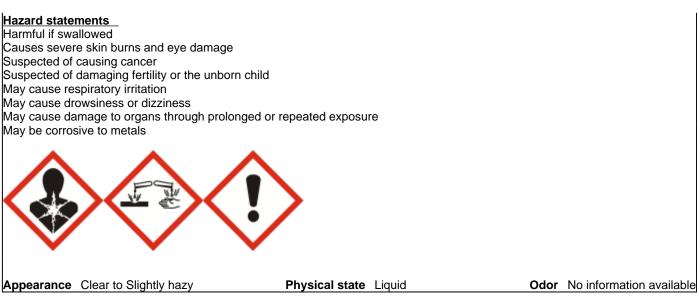
Hazards not otherwise classified (HNOC)

Not applicable

## Label elements



**Revision Number** 2



# **Precautionary Statements - Prevention**

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear protective gloves/protective clothing/eye protection/face protection Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area Do not breathe dust/fume/gas/mist/vapors/spray Keep only in original container

# **Precautionary Statements - Response**

Specific treatment (see .? on this label) Immediately call a POISON CENTER or doctor IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse IF INHALED: Remove person to fresh air and keep comfortable for breathing Immediately call a POISON CENTER or doctor IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth Do NOT induce vomiting Absorb spillage to prevent material damage

# **Precautionary Statements - Storage**

Store locked up. Store in a well-ventilated place. Keep container tightly closed Store in corrosive resistant/ .? container with a resistant inner liner

# **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## Unknown acute toxicity

# Other information

Harmful to aquatic life with long lasting effects. Harmful to aquatic life. Reacts with water to evolve heat and poisonous and corrosive gases.

# 3. Composition/information on ingredients

# Substance

Not applicable.

## <u>Mixture</u>

| Chemical name        | CAS No     | Weight-% |
|----------------------|------------|----------|
| Chloroform           | 67-66-3    | 80 - 100 |
| Antimony Trichloride | 10025-91-9 | 20 - 40  |

| 4. First-aid measures              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description of first aid measures  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| General advice                     | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. IF exposed or concerned: Get medical advice/attention.                                                                                                                                                                                                                                                                                                                                                                       |
| Inhalation                         | Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get immediate medical advice/attention. Immediate medical attention is required.        |
| Eye contact                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br>Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open<br>while rinsing. Do not rub affected area. Get immediate medical advice/attention.                                                                                                                                                                                                                                                         |
| Skin contact                       | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical advice/attention.                                                                                                                                                                                                                                                                                                                                                                                  |
| Ingestion                          | Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get immediate medical advice/attention.                                                                                                                                                                                                                                                                                                                                            |
| Self-protection of the first aider | Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not breathe vapor or mist. Use personal protective equipment as required. See section 8 for more information. |
| Most important symptoms and effe   | ects, both acute and delayed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Symptoms                           | Burning sensation. Coughing and/ or wheezing. Difficulty in breathing.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Indication of any immediate medic  | al attention and special treatment needed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Note to physicians                 | Product is a corrosive material. Use of gastric lavage or emesis is contraindicated.<br>Possible perforation of stomach or esophagus should be investigated. Do not give<br>chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood<br>pressure may occur with moist rales, frothy sputum, and high pulse pressure.                                                                                                                                                                                |

| 5 | . Fir | e-fia | htina | measures |
|---|-------|-------|-------|----------|
|   |       |       |       |          |

| Suitable Extinguishing Media<br>Large Fire | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>CAUTION: Use of water spray when fighting fire may be inefficient. |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable extinguishing media             | Do not scatter spilled material with high pressure water streams.                                                                                                             |
| Specific hazards arising from the chemical | The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.                                        |

Explosion data Sensitivity to mechanical impact none. Sensitivity to static discharge none.

| Special protective equipment for | Firefighters should wear self-contained breathing apparatus and full firefighting turnout |
|----------------------------------|-------------------------------------------------------------------------------------------|
| fire-fighters                    | gear. Use personal protection equipment.                                                  |

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| Personal precautions                                 | Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Attention! Corrosive material. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not breathe vapor or mist. |  |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Other information                                    | Refer to protective measures listed in Sections 7 and 8.                                                                                                                                                                                                              |  |
| Methods and material for containment and cleaning up |                                                                                                                                                                                                                                                                       |  |
| Methods for containment                              | Prevent further leakage or spillage if safe to do so.                                                                                                                                                                                                                 |  |
| Methods for cleaning up                              | Pick up and transfer to properly labeled containers.                                                                                                                                                                                                                  |  |

# 7. Handling and storage

#### Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes. Do not breathe vapor or mist.

## Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

# 8. Exposure controls/personal protection

#### Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

| Chemical name | ACGIH TLV         | OSHA PEL                      | NIOSH IDLH |
|---------------|-------------------|-------------------------------|------------|
| Chloroform    | No data available | 50 ppm Ceiling                | -          |
| 67-66-3       |                   | 240 mg/m <sup>3</sup> Ceiling |            |

#### Appropriate engineering controls

**Engineering controls** 

Showers Eyewash stations Ventilation systems.

# Individual protection measures, such as personal protective equipment

| Eye/face protection            | Tight sealing safety goggles. Face protection shield.                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Hand protection                | Wear suitable gloves. Impervious gloves.                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| Skin and body protection       | Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Respiratory protection         | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.                                                                                                                                                                                                                                                                                                            |  |
| General hygiene considerations | Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Do not breathe vapor or mist. |  |

# 9. Physical and chemical properties

# Information on basic physical and chemical properties

| Information on basic physical and o | chemical properties      |                  |
|-------------------------------------|--------------------------|------------------|
| Physical state                      | Liquid                   |                  |
| Appearance                          | Clear to Slightly hazy   |                  |
| Color                               | Colorless to light brown |                  |
| Odor                                | No information available |                  |
| Odor threshold                      | No information available |                  |
|                                     |                          |                  |
| Property                            | <u>Values</u>            | Remarks • Method |
| рН                                  | no data available        | None known       |
| Melting point / freezing point      | -63.5 °C / -82.3 °F      | None known       |
| Boiling point / boiling range       | 61 °C / 141.8 °F         | None known       |
| Flash point                         | no data available        | None known       |
| Evaporation rate                    | no data available        | None known       |
| Flammability (solid, gas)           | no data available        | None known       |
| Flammability Limit in Air           |                          | None known       |
| Upper flammability or explosive     | No data available        |                  |
| limits                              |                          |                  |
| Lower flammability or explosive     | No data available        |                  |
| limits                              |                          |                  |
| Vapor pressure                      | 21.1                     | None known       |
| Vapor density                       | 4.36                     | None known       |
| Relative density                    | 1.66                     | None known       |
| Water solubility                    | Soluble in water         | None known       |
| Solubility(ies)                     | Soluble in Acetone       | None known       |
|                                     | Soluble in diethyl ether |                  |
|                                     | Miscible in Chloroform   |                  |
| Partition coefficient               | No data available        | None known       |
| Autoignition temperature            | no data available        | None known       |
| Decomposition temperature           |                          | None known       |
| Kinematic viscosity                 | no data available        | None known       |
| Dynamic viscosity                   | No data available        | None known       |
|                                     |                          |                  |
| Other information                   |                          |                  |
| Explosive properties                | No information available |                  |
| Oxidizing properties                | No information available |                  |
| Softening point                     | No information available |                  |
| Molecular weight                    | No information available |                  |
| VOC Content (%)                     | No information available |                  |
| Liquid Density                      | No information available |                  |
| Bulk density                        | No information available |                  |
| -                                   |                          |                  |

# 10. Stability and reactivity

| Reactivity                         | No information available.                                           |
|------------------------------------|---------------------------------------------------------------------|
| Chemical stability                 | Stable under normal conditions.                                     |
| Possibility of hazardous reactions | None under normal processing.                                       |
| Conditions to avoid                | Exposure to air or moisture over prolonged periods. Excessive heat. |
| Incompatible materials             | Oxidizing agent. Acids. Bases.                                      |
|                                    |                                                                     |

Hazardous decomposition products None known based on information supplied.

# 11. Toxicological information

Information on likely routes of exposure

## **Product Information**

| Inhalation                        | Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal. Toxic by inhalation. May cause irritation of respiratory tract. |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact                       | Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Corrosive to the eyes and may cause severe damage including blindness. May cause irreversible damage to eyes.                                                                                                                                                                                                                                                                                                                       |
| Skin contact                      | Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ingestion                         | Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.                               |
| Symptoms related to the physical, | chemical and toxicological characteristics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Symptoms                          | Redness. Burning. May cause blindness. Coughing and/ or wheezing. Difficulty in breathing.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Unknown acute toxicity

## **Component Information**

|    | Chemical name                     | Oral LD50         | Dermal LD50        | Inhalation LC50        |
|----|-----------------------------------|-------------------|--------------------|------------------------|
|    | Chloroform<br>67-66-3             | = 450 mg/kg (Rat) | > 20 g/kg (Rabbit) | = 47702 mg/kg (Rat)4 h |
| Ar | ntimony Trichloride<br>10025-91-9 | = 525 mg/kg (Rat) | -                  | -                      |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

Classification based on data available for ingredients. Causes burns.

## Serious eye damage/eye irritation

## Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity

Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns. No information available. No information available. Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name                                                             | ACGIH                             | IARC                                                                                                                                                                                                                       | NTP | OSHA |
|---------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|
| Chloroform<br>67-66-3                                                     | -                                 | Monograph 73 [1999]                                                                                                                                                                                                        | -   | -    |
| Legend                                                                    |                                   |                                                                                                                                                                                                                            |     |      |
| Reproductive toxicity                                                     |                                   | nown or suspected reprodutes. Suspected of damaging                                                                                                                                                                        |     |      |
| STOT - single exposure<br>STOT - repeated exposur<br>Target organ effects | re May cause d<br>heart, liver, k | May cause respiratory irritation.<br>May cause damage to organs through prolonged or repeated exposure.<br>heart, liver, kidney, respiratory system, Eyes, Skin, central nervous system, Central<br>Vascular System (CVS). |     |      |
| Aspiration hazard                                                         | No information                    | on available.                                                                                                                                                                                                              |     |      |
| Other adverse effects                                                     | No information                    | No information available.                                                                                                                                                                                                  |     |      |
| Interactive effects                                                       | No information                    | on available.                                                                                                                                                                                                              |     |      |

# 12. Ecological information

| Ecotoxicity           | Harmful to aquatic life with long lasting effects.  |                                                                                                                                                                                           |                               |                                       |
|-----------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|
| Chemical name         | Algae/aquatic plants                                | Fish                                                                                                                                                                                      | Toxicity to<br>microorganisms | Crustacea                             |
| Chloroform<br>67-66-3 | EC50: =560mg/L (48h,<br>Desmodesmus<br>subspicatus) | LC50: =18mg/L (96h,<br>Lepomis macrochirus)<br>LC50: =18mg/L (96h,<br>Oncorhynchus mykiss)<br>LC50: =300mg/L (96h,<br>Poecilia reticulata) LC50:<br>=71mg/L (96h,<br>Pimephales promelas) | -                             | EC50: =29mg/L (48h,<br>Daphnia magna) |

Persistence and degradability Bioaccumulation

No information available. Inherently biodegradable.

## **Component Information**

| Chemical name | Partition coefficient |
|---------------|-----------------------|
| Chloroform    | 2                     |
| 67-66-3       |                       |

Other adverse effects

No information available.

# 13. Disposal considerations

#### Waste treatment methods

| Waste from residues/unused<br>products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Contaminated packaging                 | Do not reuse empty containers.                                                                                  |

# 14. Transport information

| DOT<br>UN/ID no<br>Proper shipping name<br>Hazard class<br>Subsidiary Class<br>Special Provisions<br>Special Provisions<br>Marine Pollutant Technical<br>Name<br>Description | UN2922<br>Corrosive liquids, toxic, n.o.s.<br>8<br>6.1<br>III<br>IB3, T7, TP1, TP28<br>Chloroform, Antimony Trichloride<br>UN2922, Corrosive liquids, toxic, n.o.s. (Chloroform, Antimony Trichloride), 8 (6.1), III,<br>Marine pollutant |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>TDG</u><br>UN/ID no.<br>Proper shipping name<br>Hazard class<br>Subsidiary Class<br>Packing Group<br>Special Provisions<br>Description                                    | UN2922<br>Corrosive liquid, toxic, n.o.s.<br>8<br>6.1<br>III<br>16<br>UN2922, Corrosive liquid, toxic, n.o.s. (Chloroform, Antimony Trichloride), 8 (6.1), III                                                                            |
| MEX<br>UN-No<br>Proper Shipping Name<br>Hazard class<br>Special Provisions<br>Packing Group<br>Description                                                                   | UN2922<br>Corrosive liquid, toxic, n.o.s.<br>8<br>223, 274<br>III<br>UN2922, Corrosive liquid, toxic, n.o.s. (Chloroform, Antimony Trichloride), 8 (6.1), III                                                                             |
| ICAO (air)<br>UN/ID no.<br>Hazard class<br>Subsidiary hazard class<br>Packing Group<br>Special Provisions                                                                    | UN2922<br>8<br>6.1<br>III<br>A3                                                                                                                                                                                                           |
| IATA<br>UN number<br>Hazard Class<br>Subsidiary hazard class<br>Packing group<br>Emergency Response Guide<br>Number<br>Special Provisions                                    | UN2922<br>8<br>6.1<br>III<br>8P<br>A3, A803                                                                                                                                                                                               |
| IMDG<br>UN number<br>Hazard Class<br>Subsidiary hazard class<br>Packing group<br>EmS-No<br>Special Provisions<br>Marine Pollutant                                            | UN2922<br>8<br>6.1<br>III<br>F-A, S-B<br>223, 274<br>P                                                                                                                                                                                    |
| RID<br>UN number<br>Proper shipping name<br>Hazard Class<br>Packing group<br>Classification code<br>Special Provisions<br>Description<br>Labels                              | UN2922<br>CORROSIVE LIQUID, TOXIC, N.O.S.<br>8<br>III<br>CT1<br>274<br>UN2922, CORROSIVE LIQUID, TOXIC, N.O.S. (Chloroform, Antimony Trichloride), 8<br>(6.1), III, ENVIRONMENTALLY HAZARDOUS<br>8 + 6.1                                  |

| <u>ADR</u>              |                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------|
| UN number               | UN2922                                                                                         |
| Proper shipping name    | Corrosive liquid, toxic, n.o.s.                                                                |
| Hazard Class            | 8                                                                                              |
| Subsidiary hazard class | 6.1                                                                                            |
| Packing group           | 111                                                                                            |
| Classification code     | CT1                                                                                            |
| Tunnel restriction code | (E)                                                                                            |
| Special Provisions      | 274                                                                                            |
| Description             | UN2922, Corrosive liquid, toxic, n.o.s. (Chloroform, Antimony Trichloride), 8 (6.1), III, (E), |
|                         | ENVIRONMENTALLY HAZARDOUS                                                                      |
| Labels                  | 8 + 6.1                                                                                        |
| 101                     |                                                                                                |
| ADN NUCLARIA            |                                                                                                |
| UN/ID No                | UN2922                                                                                         |
| Proper shipping name    | Corrosive liquid, toxic, n.o.s.                                                                |
| Hazard Class            | 8                                                                                              |
| Packing Group           |                                                                                                |
| Classification code     | CT1                                                                                            |
| Special Provisions      | 274, 802                                                                                       |
| Description             | UN2922, Corrosive liquid, toxic, n.o.s. (Chloroform, Antimony Trichloride), 8 (+ 6.1), III,    |
|                         | ENVIRONMENTALLY HAZARDOUS                                                                      |
| Hazard label(s)         | 8 + 6.1                                                                                        |
| ventilation             | VE02                                                                                           |
| Equipment Requirements  | PP, EP, TOX, A                                                                                 |
|                         |                                                                                                |

# 15. Regulatory information

International Inventories

**TSCA** 

Complies

| DSL/NDSL      | Complies                                                                                 |
|---------------|------------------------------------------------------------------------------------------|
| EINECS/ELINCS | Complies                                                                                 |
| ENCS          | This product complies with ENCS:                                                         |
| IECSC         | This product complies with China:                                                        |
| KECL          | Complies                                                                                 |
| PICCS         | Complies                                                                                 |
| AICS          | All the constituents of this material are listed on the Australian Inventory of Chemical |
|               | Substances (AICS).                                                                       |

Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

## US Federal Regulations

## <u>SARA 313</u>

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.

| Chemical name                     | SARA 313 - Threshold Values % |
|-----------------------------------|-------------------------------|
| Chloroform - 67-66-3              | 0.1                           |
| Antimony Trichloride - 10025-91-9 | 1.0                           |

## 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)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### 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).

| Chemical name        | Hazardous Substances RQs | Extremely Hazardous Substances RQs |
|----------------------|--------------------------|------------------------------------|
| Chloroform           | 10 lb final RQ           | -                                  |
| 67-66-3              | 4.54 kg final RQ         |                                    |
| Antimony Trichloride | 1000 lb final RQ         | -                                  |
| 10025-91-9           | 454 kg final RQ          |                                    |

#### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals:.

| Chemical name        | California Proposition 65 |
|----------------------|---------------------------|
| Chloroform - 67-66-3 | developmental toxicity    |
|                      | carcinogen                |

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

| Chemical name                      | New Jersey | Massachusetts | Pennsylvania                |
|------------------------------------|------------|---------------|-----------------------------|
| Chloroform                         | 0388       | Present       | Environmental hazard        |
| 67-66-3                            |            |               | Special hazardous substance |
| Antimony Trichloride<br>10025-91-9 | 0147       | Present       | Environmental hazard        |

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

# 16. Other information

NFPA Health hazards 3 Flammability 0 Instability 0 Physical and chemical properties -HMIS Health hazards 3\* Flammability 0 Physical hazards 0 Personal protection X Chronic Hazard Star Legend \* = Chronic Health Hazard Key or legend to abbreviations and acronyms used in the safety data sheet Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit) Ceiling Maximum limit value

Key literature references and sources for data used to compile the SDS Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database European Food Safety Authority (EFSA) EPA (Environmental Protection Agency) Acute Exposure Guideline Level(s) (AEGL(s)) U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act U.S. Environmental Protection Agency High Production Volume Chemicals Food Research Journal Hazardous Substance Database International Uniform Chemical Information Database (IUCLID) Japan GHS Classification Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS) NIOSH (National Institute for Occupational Safety and Health) National Library of Medicine's ChemID Plus (NLM CIP) National Library of Medicine's PubMed database (NLM PUBMED) National Toxicology Program (NTP) New Zealand's Chemical Classification and Information Database (CCID) Organization for Economic Co-operation and Development Environment, Health, and Safety Publications Organization for Economic Co-operation and Development High Production Volume Chemicals Program Organization for Economic Co-operation and Development Screening Information Data Set World Health Organization

| Revision date     | 15-December-2022          |  |
|-------------------|---------------------------|--|
| Revision Note     | No information available. |  |
| <u>Disclaimer</u> |                           |  |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet