

SECTION 1: Identification

1.1. Identification

Product form	: Substance
Trade name	: Trichloroethylene
Chemical name	: Trichloroethylene
CAS-No.	: 79-01-6
Product code	: Solvent
Formula	: C ₂ HCl ₃
Synonyms	: TCE
Other means of identification	: TRI145; Trichloroethene; Trichlor; C ₂ HCl ₃

1.2. Recommended use and restrictions on use

Use of the substance/mixture	: See EPA final risk evaluation 88 Federal Reg 1222 (January 9 th , 2023)
Use of the substance/mixture	: Solvent, Industrial Use
Restriction on Use	: This chemical shall not be used in any consumer product other than those uses exempted in the notice contained in 81 Fed. Register 20535

1.3. Supplier

Corporate Office

The Whitaker Company

1557 Marietta Rd NW
Atlanta, Georgia 30318

TEL: 404-355-8220

1.4. Emergency telephone number

Emergency number : **CHEMTREC** 800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 2A	H319
Skin sensitization, Category 1	H317
Germ cell mutagenicity Category 2	H341
Carcinogenicity Category 1B	H350
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Hazardous to the aquatic environment – Chronic Hazard Category 3	H412
Full text of H statements : see section 16	

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : **Danger**

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Hazard statements (GHS US)	: H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness H341 - Suspected of causing genetic defects (Inhalation) H350 - May cause cancer (Inhalation) H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (GHS US)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust, fumes, gas, mist, vapors, spray. P264 - Wash skin thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing must not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 - If on skin: Wash immediately with plenty of soap and water. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - If exposed or concerned: Get medical advice/attention. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P363 - Wash contaminated clothing before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Name	Product identifier	Conc.	GHS US classification
Trichloroethylene	CAS-No.: 79-01-6	≈ 100	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H336 Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

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SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms	: Odor threshold is well above one of the exposure limits. Odor tolerance may develop. Non-toxic if swallowed (LD50 oral, rat > 5000 mg/kg). Causes skin irritation. Non-toxic in contact with skin (LD50 skin > 5000 mg/kg). May cause drowsiness or dizziness. Causes serious eye irritation. Caution! Substance is absorbed through the skin.
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: EXPOSURE TO HIGH CONCENTRATIONS: Central nervous system depression. Headache. Nausea. Dizziness. Narcosis. Drunkenness. Coordination disorders. Feeling of weakness. Disturbances of consciousness. Disturbances of heart rate.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Chronic symptoms	: Dry skin. Skin rash/inflammation. Gastrointestinal complaints. Loss of appetite. Sleeplessness. Central nervous system depression. Impairment of the nervous system. Sensorial disturbances. Visual disturbances. Auditory disturbances. Enlargement/affection of the liver. Affection of the renal tissue.

4.3. Immediate medical attention and special treatment, if necessary

Notes to PHYSICIAN: Only administer adrenaline after careful consideration following overexposure. Increased sensitivity of the heart to adrenaline may be caused by overexposure to this product. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Water (quick-acting extinguisher, reel); risk of puddle expansion. Water; risk of puddle expansion.

5.2. Specific hazards arising from the chemical

Fire hazard	: DIRECT FIRE HAZARD: Not easily combustible. INDIRECT FIRE HAZARD: Heating increases the fire hazard. Reactions involving a fire hazard: see "Reactivity Hazard".
Explosion hazard	: DIRECT EXPLOSION HAZARD: Gas/vapor explosive within explosion limits if energy source high. INDIRECT EXPLOSION HAZARD: Reactions with explosion hazards: see "Reactivity Hazard".
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Precautionary measures fire	: Exposure to fire/heat: consider evacuation.
Firefighting instructions	: Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

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Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Move containers from fire area if you can do it without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Depending on conditions, decomposition products may include the following materials: carbon oxides, halogenated compounds, carbon halides, hydrogen chloride, and possible traces of phosgene.
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6.1.1. For non-emergency personnel

Protective equipment	: Gloves (EN 374). Protective clothing (EN 14605 or EN 13034). Protective goggles (EN 166). Head/neck protection.
Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

6.2. Environmental precautions

Avoid release to the environment. Prevent soil and water pollution. Prevent spreading in sewers. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handle and open with care. Use only with adequate ventilation. Avoid contact with heat and ignition sources. All equipment used when handling the product must be grounded. Use only non-sparking tools. Take precautionary measures against static charges.
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- Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep from direct sunlight. Do not store above the following temperature: 35°C (95°F). Do not store or stack aluminum in contact with this product to prevent possible solvent decomposition (stacking corrosion). Liquid oxygen or other strong oxidants may form explosive mixtures with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- Heat-ignition : KEEP SUBSTANCE AWAY FROM: heat sources.
- Information on mixed storage : KEEP SUBSTANCE AWAY FROM: oxidizing agents. reducing agents. (strong) acids. (strong) bases. metals. water/moisture.
- Storage area : Store in a cool area. Keep out of direct sunlight. Store in a dry area. Store in a dark area. Ventilation at floor level. Provide for a tub to collect spills. Provide the tank with earthing. Store only in a limited quantity. Meet the legal requirements.
- Special rules on packaging : SPECIAL REQUIREMENTS: hermetical. dry. clean. opaque. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.
- Packaging materials : SUITABLE MATERIAL: stainless steel. glass. MATERIAL TO AVOID: aluminium. zinc. copper. plastics.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Trichloroethylene (79-01-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Trichloroethylene
ACGIH OEL TWA [ppm]	10 ppm
ACGIH OEL STEL [ppm]	25 ppm
Remark (ACGIH)	CNS impair; cognitive decrements
USA - OSHA - Occupational Exposure Limits	
Local name	Trichloroethylene
Remark (OSHA)	(2) See Table Z-2.

8.2. Appropriate engineering controls

- Appropriate engineering controls : Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure good ventilation of the work station. An emergency eyewash/ shower must be readily accessible to the work area.
- Environmental exposure controls : Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste. . Avoid release to the environment.

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8.3. Individual protection measures/Personal protective equipment

Materials for PPE:

Excellent resistance: Nitrile rubber. Viton. Polyvinylalcohol (PVA). ethyl vinyl alcohol laminate.

Good resistance: butyl rubber. neoprene (chloroprene rubber).

Poor resistance: Polyvinylchloride (PVC)

Hand protection:

Wear appropriate protective gloves to prevent skin exposure.

Eye protection:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: Colorless
Odor	: Ether-like odor
Odor threshold	: No data available
pH	: 6.7 – 7.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: > 186.8 °F
Critical temperature	: 271 °C
Critical pressure	: 49850 hPa
Flash point	: Does NOT Flash
Relative evaporation rate (butyl acetate=1)	: > 3
Relative evaporation rate (ether=1)	: 3.8
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 99 hPa (25 °C)
Vapor pressure at 50°C	: 279 hPa (Antoine equation)
Relative vapor density at 20°C	: 4.5
Particle size	: Not applicable (liquid)
Relative density	: 1.46 (20 °C)
Relative density of saturated gas/air mixture	: 1.34
Density	: > 1.46
Molecular mass	: 131.39 g/mol

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Solubility	: Poorly soluble in water. Water: 0.11 g/100ml (20 °C) Ethanol: complete Ether: complete
Partition coefficient n-octanol/water (Log Pow)	: 2.53 (Experimental value, Equivalent or similar to OECD 117, 20 °C)
Auto-ignition temperature	: 788 °F
Decomposition temperature	: > 120 °C
Viscosity, kinematic	: 0.55 mm ² /s
Viscosity, dynamic	: 0.55 mPa.s
Explosion limits	: 7.9 – 10 vol % Lower explosion limit: 7.9 vol % Upper explosion limit: 10 vol %
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

Specific conductivity	: 800 pS/m
Saturation concentration	: 415 g/m ³
VOC content	: 100 %
Other properties	: Gas/vapour heavier than air at 20°C. Clear. Volatile. May generate electrostatic charges.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts violently with many compounds e.g.: with (strong) oxidizers, with (strong) reducers and with (some) metal powders with (increased) risk of fire/explosion. Unstabilized product decomposes slowly on exposure to air: release of toxic and corrosive gases/vapors e.g.: hydrogen chloride. This reaction is accelerated on exposure to water and heat and on exposure to UV light.

10.2. Chemical stability

Unstable on exposure to heat. Unstable on exposure to moisture.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from ignition sources such as heat/ sparks/ open flame. -No smoking. When exposed to high temperatures may produce hazardous decomposition products. When this product is involved in fires, it can decompose to hydrogen chloride and possible traces of phosgene.

10.5. Incompatible materials

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids. Avoid contamination with caustic soda, caustic potash or oxidizing materials, shock sensitive compounds may be formed.

10.6. Hazardous decomposition products

Depending on conditions, decomposition products may include the following materials: carbon oxides, halogenated compounds, carbon halides, hydrogen chloride, and possible traces of phosgene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Trichloroethylene (79-01-6)

LD50 oral rat	5620 mg/kg body weight (Rat, Male, Experimental value, Oral, 14 day(s))
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Trichloroethylene (79-01-6)

LD50 dermal rabbit	> 20000 mg/kg body weight (24 h, Rabbit, Experimental value, Dermal)
LC50 Inhalation - Rat	68 mg/l (4 h, Rat, Male, Experimental value, Inhalation, 14 day(s))

Skin corrosion/irritation	: Causes skin irritation. pH: 6.7 – 7.5
Serious eye damage/irritation	: Causes serious eye irritation. pH: 6.7 – 7.5
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Suspected of causing genetic defects (Inhalation).
Carcinogenicity	: May cause cancer (Inhalation).

Trichloroethylene (79-01-6)

IARC group	2A - Probably carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
In OSHA Hazard Communication Carcinogen list	Yes
In OSHA Specifically Regulated Carcinogen list	Yes

Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: 0.55 mm ² /s
Potential Adverse human health effects and symptoms	: Odour threshold is well above one of the exposure limits. Odour tolerance may develop. Non-toxic if swallowed (LD50 oral, rat > 5000 mg/kg). Causes skin irritation. Non-toxic in contact with skin (LD50 skin > 5000 mg/kg). May cause drowsiness or dizziness. Causes serious eye irritation. Caution! Substance is absorbed through the skin.
Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: EXPOSURE TO HIGH CONCENTRATIONS: Central nervous system depression. Headache. Nausea. Dizziness. Narcosis. Drunkenness. Coordination disorders. Feeling of weakness. Disturbances of consciousness. Disturbances of heart rate.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Chronic symptoms	: Dry skin. Skin rash/inflammation. Gastrointestinal complaints. Loss of appetite. Sleeplessness. Central nervous system depression. Impairment of the nervous system. Sensorial disturbances. Visual disturbances. Auditory disturbances. Enlargement/affection of the liver. Affection of the renal tissue.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Harmful to aquatic life with long lasting effects.
Ecology - water	: Harmful to aquatic organisms. Harmful to crustacea. Harmful to fishes. Groundwater pollutant. Inhibition of activated sludge. Harmful to algae.

Trichloroethylene (79-01-6)

LC50 - Fish [1]	28.3 mg/l (EPA 660/3 - 75/009, 96 h, Jordanella floridae, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	20.8 mg/l Daphnia magna (48 hours)
EC50 - Other aquatic organisms [1]	36.5 mg/l Chlamydomonas reinhardtii (72 hours)
EC50 - Other aquatic organisms [2]	260 mg/l Activated sludge (3 hours)

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12.2. Persistence and degradability

Trichloroethylene (79-01-6)

Persistence and degradability	Non degradable in the soil. Biodegradable in the soil under anaerobic conditions. Not readily biodegradable in water.
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12.3. Bioaccumulative potential

Trichloroethylene (79-01-6)

BCF - Fish [1]	17 (14 day(s), Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	2.53 (Experimental value, Equivalent or similar to OECD 117, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

12.4. Mobility in soil

Trichloroethylene (79-01-6)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.15 (log Koc, Experimental value)
Ecology - soil	Low potential for adsorption in soil.

12.5. Other adverse effects

Other adverse effects : Water polluting material. May be harmful to the environment if released in large quantities.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : accordance with local, regional, national, and/or international regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Empty containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport information

14.1. UN number

DOT NA No : UN1710
UN-No. (IMDG) : 1710
UN-No. (IATA) : 1710

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Trichloroethylene
Proper Shipping Name (IMDG) : TRICHLOROETHYLENE
Proper Shipping Name (IATA) : Trichloroethylene

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : 6.1
Hazard labels (DOT) : 6.1

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IMDG

Transport hazard class(es) (IMDG) : 6.1
Hazard labels (IMDG) : 6.1



IATA

Transport hazard class(es) (IATA) : 6.1
Hazard labels (IATA) : 6.1



14.4. Packing group

Packing group (DOT) : III
Packing group (IMDG) : III
Packing group (IATA) : III

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT
UN-No.(DOT) : UN1710
DOT Special Provisions (49 CFR 172.102) : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
N36 - Aluminum or aluminum alloy construction materials are permitted only for halogenated hydrocarbons that will not react with aluminum.
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

DOT Packaging Exceptions (49 CFR 173.xxx) : 153
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

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IMDG

Transport regulations (IMDG)	: Subject to the provisions
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-A - SPILLAGE SCHEDULE Alfa - TOXIC SUBSTANCES
Stowage category (IMDG)	: A

IATA

Transport regulations (IATA)	: Subject to the provisions
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y642
PCA limited quantity max net quantity (IATA)	: 2L
PCA packing instructions (IATA)	: 655
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 663
CAO max net quantity (IATA)	: 220L
ERG code (IATA)	: 6A

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Trichloroethylene (79-01-6)

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	100 lb
SARA Section 311/312 Hazard Classes	Health hazard - Aspiration hazard Health hazard - Reproductive toxicity Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Carcinogenicity

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Trichloroethylene	CAS-No. 79-01-6	100%
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15.2. International regulations

CANADA

No additional information available

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EU-Regulations

No additional information available

National regulations

Trichloroethylene (79-01-6)

Listed on IARC (International Agency for Research on Cancer)
Listed as carcinogen on NTP (National Toxicology Program)

15.3. US State regulations

Trichloroethylene (79-01-6)

U.S. - California - Proposition 65 - Carcinogens List	Yes
U.S. - California - Proposition 65 - Developmental Toxicity	Yes
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Yes
No significant risk level (NSRL)	(oral)
State or local regulations	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List



WARNING:

This product can expose you to Trichloroethylene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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Revision date : 3/30/2023

Full text of H-phrases

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H350	May cause cancer
H412	Harmful to aquatic life with long lasting effects

NFPA health hazard

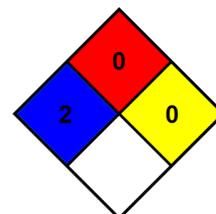
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



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Indication of changes:			
Section	Changed item	Change	Comments
	Supersedes	Modified	No additional information available

Safety Data Sheet (SDS), USA

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