SAFETY DATA SHEET
Tergo Metal Cleaning Fluid

1. Identification

Product identifier
Product name  Tergo Metal Cleaning Fluid
Product number  MCC-TMCFEUD, MCC-TMCFEUG, MCC-TMCFEUGG, MCC-TMCFEUHGG, MCC-TMCFEUP, MCC-TMCFEUGL, MCC-TMCFEUHGL
Synonyms; trade names  Prototype 10-122-2

Recommended use of the chemical and restrictions on use
Application  Cleaning agent.
Uses advised against  No specific uses advised against are identified.

Details of the supplier of the safety data sheet
Supplier  MICROCARE CORPORATION
Manufacturer  MICROCARE CORPORATION
595 John Downey Drive
New Britain, CT  06051
United States of America
CAGE: OATV9
Tel: + 1 800 638 0125, +1 860-827-0626
Fax: +1 860-893-1930
technical@microcare.com

Emergency telephone number
Emergency telephone  CHEMTREC 1-800-424-9300 (within the U.S.)
+1 703-741-5970 (from anywhere in the world)

2. Hazard(s) identification

Classification of the substance or mixture
OSHA Regulatory Status  This Product is Hazardous under the OSHA Hazard Communication Standard.
Physical hazards  Not Classified
Health hazards  Acute Tox. 4 - H332
Environmental hazards  Aquatic Chronic 3 - H412

Human health  See Section 11 for additional information on health hazards. May be slightly irritating to eyes. Splashes in the eyes may cause redness and irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Physicochemical  Vapors are heavier than air and may travel along the floor and accumulate in the bottom of containers.

Label elements
Tergo Metal Cleaning Fluid

Pictogram

Signal word Warning

Hazard statements
H332 Harmful if inhaled.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
P261 Avoid breathing vapor/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 Call a poison center/doctor if you feel unwell.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information
Safety data sheet available on request. For use in industrial installations only.

Other hazards
This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Trans-1,2-DICHLOROETHYLENE</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 156-60-5</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Flam. Liq. 2 - H225
Aquatic Chronic 3 - H412

<table>
<thead>
<tr>
<th>Proprietary A</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: Proprietary</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Aquatic Chronic 3 - H412

<table>
<thead>
<tr>
<th>Proprietary B</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: Proprietary</td>
<td></td>
</tr>
</tbody>
</table>

Classification
Aquatic Chronic 4 - H413

The full text for all hazard statements is displayed in Section 16.

Composition comments
TSCA: The ingredients of this product are on the TSCA Inventory. The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of CFR 1900.1200

Composition

4. First-aid measures

Description of first aid measures
### Tergo Metal Cleaning Fluid

**General information**  
If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

**Inhalation**  
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.

**Ingestion**  
Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

**Skin Contact**  
Rinse with water.

**Eye contact**  
Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.

**Protection of first aiders**  
First aid personnel should wear appropriate protective equipment during any rescue.

### Most important symptoms and effects, both acute and delayed

#### General information
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation
A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.

#### Ingestion
No specific symptoms known.

#### Skin contact
No specific symptoms known.

#### Eye contact
No specific symptoms known. May be slightly irritating to eyes.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**  
Treat symptomatically.

### 5. Fire-fighting measures

**Extinguishing media**

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
<th>The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>Do not use water jet as an extinguisher, as this will spread the fire.</td>
</tr>
</tbody>
</table>

**Specific hazards**
Containers can burst violently or explode when heated, due to excessive pressure build-up. This product is toxic.

**Hazardous combustion products**

**Advice for firefighters**
Tergo Metal Cleaning Fluid

Protective actions during firefighting
Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid inhalation of vapors and spray/mists. Use suitable respiratory protection if ventilation is inadequate.

Environmental precautions
Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up
Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Provide adequate ventilation. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions
Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene
Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions
Store away from incompatible materials (see Section 10). Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.
Tergo Metal Cleaning Fluid

Storage class
Miscellaneous hazardous material storage.

Specific end uses(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.

Reference to other sections
Store away from incompatible materials (see Section 10).

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

trans-1,2-DICHLOROETHYLENE

Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 793 mg/m³
ACGIH = American Conference of Governmental Industrial Hygienists.

Ingredient comments
ACGIH = US Standard. WEL = Workplace Exposure Limits

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection
Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection
No specific hand protection recommended. Avoid contact with skin.

Other skin and body protection
Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures
Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection
Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

Environmental exposure controls
Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance
Clear liquid.

Color
Water-white.

Odor
Slight. Ether.

Odor threshold
No information available.
Tergo Metal Cleaning Fluid

**pH**
No information available.

**Melting point**
No information available.

**Initial boiling point and range**
46.8°C/116.24°F

**Flash point**
Does not flash. TCC ASTM D-56; ASTM D-3278-96

**Evaporation rate**
No information available.

**Evaporation factor**
No information available.

**Flammability (solid, gas)**
No information available.

**Upper/lower flammability or explosive limits**
Explosive Limits: Lower explosive limit: 7 %(V) Upper explosive limit: 15.6 %(V) ASTM E681-09

**Other flammability**
No information available.

**Relative density**
1.29

**Bulk density**
No information available.

**Solubility(ies)**
Slightly soluble in water.

**Partition coefficient**
log Pow: 1.91 at 25°C (estimated)

**Auto-ignition temperature**
No information available.

**Decomposition Temperature**
No information available.

**Viscosity**
No information available.

**Explosive properties**
No information available.

**Global Warming Potential (GWP)**
No information available.

**Refractive index**
No information available.

**Particle size**
No information available.

**Molecular weight**
No information available.

**Vapour pressure**
No information available.

**Saturation concentration**
No information available.

**Critical temperature**
No information available.

**Volatile organic compound**
This product contains a maximum VOC content of 1178 g/l.

### 10. Stability and reactivity

**Reactivity**
See the other subsections of this section for further details.

**Stability**
Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**Possibility of hazardous reactions**
No potentially hazardous reactions known.

**Conditions to avoid**
There are no known conditions that are likely to result in a hazardous situation.
Tergo Metal Cleaning Fluid

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

Hazardous decomposition products
Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

11. Toxicological information

Information on toxicological effects

Other health effects
There is no evidence that the product can cause cancer.

Acute toxicity - oral
Notes (oral LD₅₀)
Based on available data the classification criteria are not met.

Acute toxicity - dermal
Notes (dermal LD₅₀)
Based on available data the classification criteria are not met.

Acute toxicity - inhalation
Notes (inhalation LC₅₀)
Acute Tox. 4 - H332 Harmful if inhaled.

ATE inhalation (vapours mg/l) 11.0

Skin corrosion/irritation
Animal data
Based on available data the classification criteria are not met.

Serious eye damage/irritation
Serious eye damage/irritation
Based on available data the classification criteria are not met.

Respiratory sensitization
Respiratory sensitization
Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization
Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro
Based on available data the classification criteria are not met.

Carcinogenicity
Carcinogenicity
Based on available data the classification criteria are not met.

IARC carcinogenicity
None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility
Based on available data the classification criteria are not met.

Reproductive toxicity - development
Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure
Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard
Aspiration hazard
Based on available data the classification criteria are not met.
Tergo Metal Cleaning Fluid

**General information**
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**
A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.

**Ingestion**
No specific symptoms known.

**Skin Contact**
No specific symptoms known.

**Eye contact**
No specific symptoms known.

**Route of exposure**
Ingestion Inhalation Skin and/or eye contact

**Target Organs**
No specific target organs known.

**Medical Symptoms**
Product has a defatting effect on skin. May cause allergic contact eczema. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

**Toxicological information on ingredients.**

**trans-1,2-DICHLOROETHYLENE**

**Other health effects**
There is no evidence that the product can cause cancer.

**Acute toxicity - oral**

<table>
<thead>
<tr>
<th>Acute toxicity oral (LD₅₀ mg/kg)</th>
<th>7,902.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>7,902.0</td>
</tr>
</tbody>
</table>

**Acute toxicity - dermal**

<table>
<thead>
<tr>
<th>Acute toxicity dermal (LD₅₀ mg/kg)</th>
<th>5,000.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td>Rabbit</td>
</tr>
</tbody>
</table>

**Acute toxicity - inhalation**

<table>
<thead>
<tr>
<th>Acute toxicity inhalation (LC₅₀ vapours mg/l)</th>
<th>95.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE inhalation (vapours mg/l)</td>
<td>95.4</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
Prolonged and frequent contact may cause redness and irritation.

**Animal data**
Slightly irritating. Rabbit

**Serious eye damage/irritation**
Supplier's information. Rabbit 500 mg 24 hours Causes mild skin irritation.

**Respiratory sensitization**
No specific test data are available.
Tergo Metal Cleaning Fluid

Skin sensitization  No specific test data are available.

Germ cell mutagenicity  This substance has no evidence of mutagenic properties.

Genotoxicity - In vitro  This substance has no evidence of mutagenic properties.

Genotoxicity - In vivo  This substance has no evidence of mutagenic properties.

Carcinogenicity  No specific test data are available.

Specific target organ toxicity - single exposure
STOT - single exposure  NOAEL Not available.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure  NOAEL 16 mg/l, 90 days

Target organs  Endocrine system Liver Kidneys Bladder Respiratory tract

Proprietary B

Acute toxicity - oral
Acute toxicity oral (LD₅₀ mg/kg)  5,000.0
Species  Rat
ATE oral (mg/kg)  5,000.0

Acute toxicity - dermal
Acute toxicity dermal (LD₅₀ mg/kg)  5,000.0
Species  Rat
ATE dermal (mg/kg)  5,000.0

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ vapours mg/l)  222.15
Species  Rat
ATE inhalation (vapours mg/l)  222.15

Skin corrosion/irritation
Animal data  Not irritating. Rabbit
Human skin model test  Data lacking.

Extensive pH  Not applicable. Not corrosive to skin.

Serious eye damage/irritation
Serious eye damage/irritation  Not irritating. Rabbit

Respiratory sensitization  Data lacking.
Tergo Metal Cleaning Fluid

Skin sensitization
Not sensitizing. - Guinea pig: Not sensitizing.

Germ cell mutagenicity
This substance has no evidence of mutagenic properties.

Genotoxicity - in vitro
This substance has no evidence of mutagenic properties.

Carcinogenicity
Does not contain any substances known to be carcinogenic.

IARC carcinogenicity
Not listed.

NTP carcinogenicity
Not listed.

OSHA Carcinogenicity
Not listed.

Reproductive toxicity
No evidence of reproductive toxicity in animal studies.

Skin Contact
Skin irritation should not occur when used as recommended. May cause defatting of the skin but is not an irritant.

Eye contact
May cause eye irritation.

Acute and chronic health hazards
There is no evidence that the product can cause cancer.

12. Ecological information

Ecotoxicity
There are no data on the ecotoxicity of this product.

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Ecotoxicity
Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

Toxicity
Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Acute aquatic toxicity
LC₅₀, 96 hours: 135 mg/l, Fish

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: 220 mg/l, Daphnia magna

Acute toxicity - aquatic plants
LC₅₀, 72 hours: 36.36 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity
NOEC, 48 hours: 110,000 mg/l, Daphnia magna
Tergo Metal Cleaning Fluid

**Proprietary B**

**Acute aquatic toxicity**
- **Acute toxicity - fish**  \( \text{LC}_{96}, \text{96 hours}: >0.096 \text{ mg/l}, \text{Oryzias latipes (Red killifish)} \)
- **Acute toxicity - aquatic invertebrates**  \( \text{LC}_{96}, \text{48 hours}: >0.157 \text{ mg/l}, \text{Daphnia magna} \)
- **Acute toxicity - aquatic plants**  \( \text{EC}_{50}, \text{72 hours}: >0.000477 \text{ mg/l}, \text{Pseudokirchneriella subcapitata} \)

**Persistence and degradability**
- The degradability of the product is not known.

**Ecological information on ingredients.**

**trans-1,2-DICHLOROETHYLENE**

- **Biodegradation**  Not readily biodegradable.  
  Method: OECD Test Guideline 301D

**Bioaccumulative potential**
- **Bio-Accumulative Potential**  No data available on bioaccumulation.
- **Partition coefficient**  \( \text{log Pow}: 1.91 \text{ at } 25^\circ \text{C (estimated)} \)

**Ecological information on ingredients.**

**trans-1,2-DICHLOROETHYLENE**

- **Bio-Accumulative Potential**  Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.
- **Partition coefficient**  \( \text{log Pow}: 2.06 \)

**Bio-Accumulative Potential**
- **BCF: 1990, Cyprinus carpio (Common carp)**
- **Partition coefficient**  \( \text{Pow}: 4.9 \)

**Mobility in soil**
- **Mobility**  No data available.

**Ecological information on ingredients.**

**trans-1,2-DICHLOROETHYLENE**

- **Mobility**  The product has poor water-solubility.

**Other adverse effects**
- **None known.**

**Disposal considerations**

**Waste treatment methods**
Tergo Metal Cleaning Fluid

General information
The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods
Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

Waste class
No information available.

14. Transport information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number
UN No. (IMDG) Not classified as dangerous for transport.
UN No. (DOT) UN3082 (>2640 lbs), otherwise Not classified as hazardous.

Proper shipping name
Proper shipping name (IMDG) Not classified as dangerous for transport.
Proper shipping name (DOT) DOT only - when shipped in packages with > 2640 lbs., use: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S. (Dichloroethylene), 9, PGIII RQ (Dichloroethylene)

Transport hazard class(es)

Transport Labels
No applicable., No information required.

Transport labels
No transport warning sign required.

Packing group
Packing group (International) No information required., Not applicable.

Environmental hazards
Environmentally Hazardous Substance
No.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information required.

15. Regulatory information

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
The following ingredients are listed or exempt:

12/14
Tergo Metal Cleaning Fluid

trans-1,2-DICHLOROETHYLENE
Final CERCLA RQ: 1000(454) pounds (Kilograms)

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are listed or exempt.

SARA 313 Emission Reporting
None of the ingredients are listed or exempt.

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

FDA - Essential Chemical
None of the ingredients are listed or exempt.

FDA - Precursor Chemical
None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories
None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals
None of the ingredients are listed or exempt.

US State Regulations
California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances
The following ingredients are listed or exempt:
trans-1,2-DICHLOROETHYLENE

Massachusetts "Right To Know" List
The following ingredients are listed or exempt:
trans-1,2-DICHLOROETHYLENE

Rhode Island "Right To Know" List
None of the ingredients are listed or exempt.

Minnesota "Right To Know" List
None of the ingredients are listed or exempt.

New Jersey "Right To Know" List
None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:
trans-1,2-DICHLOROETHYLENE

Inventories
Tergo Metal Cleaning Fluid

US - TSCA
Present.

US - TSCA 12(b) Export Notification
The following ingredients are listed:
Proprietary A
trans-1,2-DICHLOROETHYLENE

Australia - AICS
The following ingredients are listed:
trans-1,2-DICHLOROETHYLENE

16. Other information

<table>
<thead>
<tr>
<th>Classification abbreviations and acronyms</th>
<th>Acute Tox. = Acute toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training advice</td>
<td>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</td>
</tr>
<tr>
<td>Revision comments</td>
<td>Only trained personnel should use this material.</td>
</tr>
<tr>
<td>Revision date</td>
<td>NOTE: Lines within the margin indicate significant changes from the previous revision.</td>
</tr>
<tr>
<td>Revision</td>
<td>6/26/2019</td>
</tr>
<tr>
<td>Supersedes date</td>
<td>68</td>
</tr>
<tr>
<td>SDS No.</td>
<td>3/15/2019</td>
</tr>
<tr>
<td>SDS status</td>
<td>BULK - TMCFEU</td>
</tr>
<tr>
<td>Hazard statements in full</td>
<td>Approved.</td>
</tr>
</tbody>
</table>

H225 Highly flammable liquid and vapor.
H332 Harmful if inhaled.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.