SAFETY DATA SHEET
MicroCare SMT Specialty Fluid

1. Identification

Product identifier
Product name MicroCare SMT Specialty Fluid
Product number MCC-SMTRD, MCC-SMTRL, MCC-SMTRP, MCC-SMTRG, MCC-SMTRGL, MCC-SMTRGG

Recommended use of the chemical and restrictions on use
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: +1 860-827-8105
techsupport@microcare.com

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 STOT SE 1 - H370
Environmental hazards Aquatic Chronic 3 - H412

Label elements

Pictogram

Signal word Danger
Hazard statements H332 Harmful if inhaled.
H370 Causes damage to organs.
H412 Harmful to aquatic life with long lasting effects.
MicroCare SMT Specialty Fluid

Precautionary statements

P261 Avoid breathing vapor/ spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P302+P352 If on skin: Wash with plenty of water.
P314 Get medical advice/ attention 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.

Contains

trans-1,2-DICHLOROETHYLENE, METHANOL

Other hazards

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

3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Mixtures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2,2,3,4,5,5,5-decafluoropentane</td>
<td>30-60%</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 3 - H412</td>
<td></td>
</tr>
</tbody>
</table>

| trans-1,2-DICHLOROETHYLENE                           | 30-60%                             |
| **Classification**                                  |                                    |
| Flam. Liq. 2 - H225                                 |                                    |
| Acute Tox. 4 - H332                                 |                                    |
| Aquatic Chronic 3 - H412                            |                                    |

| METHANOL                                             | 1-5%                               |
| **Classification**                                  |                                    |
| Flam. Liq. 2 - H225                                 |                                    |
| Acute Tox. 3 - H301                                 |                                    |
| Acute Tox. 3 - H311                                 |                                    |
| Acute Tox. 3 - H331                                 |                                    |
| Eye Irrit. 2A - H319                                |                                    |
| Repr. 1B - H360                                     |                                    |
| STOT SE 1 - H370                                    |                                    |

| NITROMETHANE                                         | <1%                                |
| **Classification**                                  |                                    |
| Flam. Liq. 3 - H226                                 |                                    |
| Acute Tox. 4 - H302                                 |                                    |
| Carc. 2 - H351                                      |                                    |
MicroCare SMT Specialty Fluid

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

General information
Get medical attention if any discomfort continues. 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. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention if symptoms are severe or persist.

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: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.

Ingestion
A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury.

Skin contact
A single exposure may cause the following adverse effects: Pain.

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
Suitable extinguishing media
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.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture
MicroCare SMT Specialty Fluid

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

**Hazardous combustion products**
Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

**Advice for firefighters**

**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**
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.
MicroCare SMT Specialty Fluid

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.

Storage class
Miscellaneous hazardous material storage.

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

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

1,1,1,2,2,3,4,5,5,5-decafluoropentane
No information available that would effect occupational exposure limit values.

trans-1,2-DICHLOROETHYLENE
Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 793 mg/m³

METHANOL
Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 262 mg/m³
Short-term exposure limit (15-minute): ACGIH 250 ppm 328 mg/m³
Sk
Long-term exposure limit (8-hour TWA): OSHA 200 ppm 260 mg/m³

NITROMETHANE
Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 50 mg/m³
A3
Long-term exposure limit (8-hour TWA): OSHA 100 ppm 250 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.
A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.
Sk = Danger of cutaneous absorption.
OSHA = Occupational Safety and Health Administration.

Additional Occupational Exposure Limits

METHANOL (CAS: 67-56-1)

Biological limit values
15 mg/l

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.
MicroCare SMT Specialty Fluid

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

Melting point
<-50°C/<-58°F

Initial boiling point and range
37°C @ 101.3 kPa

Upper/lower flammability or explosive limits
Lower flammable/explosive limit: 7.0 %(V) Upper flammable/explosive limit: 15.0 %(V)

Other flammability
The product is not flammable.

Vapor pressure
64.7 kPa @ 25°C/77°F

Vapor density
4.4

Relative density
1.42 g/cm3 @ 0°C

Solubility(ies)
3.4 g/l water @ 25°C/77°F

Viscosity
0.47 mPa s @ 25°C

Molecular weight
Not applicable.

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.

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.
MicroCare SMT Specialty Fluid

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral
Notes (oral LD₅₀) Based on available data the classification criteria are not met.
ATE oral (mg/kg) 2,500.0

Acute toxicity - dermal
Notes (dermal LD₅₀) Based on available data the classification criteria are not met.
ATE dermal (mg/kg) 7,500.0

Acute toxicity - inhalation
Notes (inhalation LC₅₀) Acute Tox. 4 - H332 Harmful if inhaled.
ATE inhalation (vapours mg/l) 19.08

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 Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans.

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 STOT SE 1 - H370 Causes damage to organs.

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.

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: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.
**MicroCare SMT Specialty Fluid**

**Ingestion**
A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury.

**Skin Contact**
A single exposure may cause the following adverse effects: Pain.

**Eye contact**
No specific symptoms known.

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

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

**Toxicological information on ingredients.**

<table>
<thead>
<tr>
<th></th>
<th>1,1,1,2,2,3,4,5,5-decafluoropentane</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity - oral</strong></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>5,000.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>5,000.0</td>
</tr>
<tr>
<td><strong>Acute toxicity - dermal</strong></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>5,000.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE dermal (mg/kg)</td>
<td>5,000.0</td>
</tr>
<tr>
<td><strong>Acute toxicity - inhalation</strong></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity inhalation (LC₅₀ vapours mg/l)</td>
<td>114.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>ATE inhalation (vapours mg/l)</td>
<td>114.0</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
- Animal data: Not irritating. Rabbit
- Human skin model test: Data lacking.
- Extreme pH: Not applicable. Not corrosive to skin.

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

**Respiratory sensitization**
- Data lacking.

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

**Germ cell mutagenicity**
- This substance has no evidence of mutagenic properties.
MicroCare SMT Specialty Fluid

Genotoxicity - in vivo
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
Reproductive toxicity - fertility
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.

trans-1,2-DICHLOROETHYLENE

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

Acute toxicity - inhalation
ATE inhalation (vapours mg/l)
11.0

METHANOL

Acute toxicity - oral
Notes (oral LD₅₀)
Acute Tox. 3 - H301 Toxic if swallowed.
ATE oral (mg/kg)
100.0

Acute toxicity - dermal
Notes (dermal LD₅₀)
Acute Tox. 3 - H311 Toxic in contact with skin.
ATE dermal (mg/kg)
300.0

Acute toxicity - inhalation
Notes (inhalation LC₅₀)
Acute Tox. 3 - H331 Toxic if inhaled.
ATE inhalation (vapours mg/l)
3.0
ATE inhalation (dusts/mists mg/l)
0.5

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

Serious eye damage/irritation
MicroCare SMT Specialty Fluid

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

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

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

Germ cell mutagenicity
Based on available data the classification criteria are not met.

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

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

IARC carcinogenicity
None of the ingredients are listed or exempt.

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

Specific target organ toxicity - single exposure
STOT - single exposure
STOT SE 1 - H370 Causes damage to organs.

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

Aspiration hazard
Based on available data the classification criteria are not met.

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: Drowsiness, dizziness, disorientation, vertigo. Unconsciousness. High concentrations may be fatal.

Ingestion
May cause stomach pain or vomiting. May cause severe internal injury.

Skin Contact
A single exposure may cause the following adverse effects: Pain.

Eye contact
No specific symptoms known.

Route of exposure
Ingestion Inhalation Skin and/or eye contact

Target Organs
No specific target organs known.

NITROMETHANE

Acute toxicity - oral
ATE oral (mg/kg)
500.0

Carcinogenicity
IARC carcinogenicity
IARC Group 2B Possibly carcinogenic to humans.
MicroCare SMT Specialty Fluid

NTP carcinogenicity

Reasonably anticipated to be a human carcinogen.

12. Ecological Information

Ecological information on ingredients.

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Ecotoxicity

It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnies.

trans-1,2-DICHLOROETHYLENE

Ecotoxicity

Low acute toxicity to aquatic organisms.

METHANOL

Ecotoxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity

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

Ecological information on ingredients.

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: 13.9 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates

LC₅₀, 48 hours: 11.7 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: >120 mg/l, Algae

trans-1,2-DICHLOROETHYLENE

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: 1350 mg/l, Fish

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 220 mg/l, Daphnia magna

METHANOL

Toxicity

Based on available data the classification criteria are not met.

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, 96 hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: >10000 mg/l, Daphnia magna

Persistence and degradability

The degradability of the product is not known.

Ecological information on ingredients.

METHANOL
MicroCare SMT Specialty Fluid

Persistence and degradability

The degradability of the product is not known.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Ecological information on ingredients.

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Bio-Accumulative Potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Partition coefficient Pow: 2.7

trans-1,2-DICHLOROETHYLENE

Bio-Accumulative Potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

METHANOL

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient : -0.77

Mobility in soil

Mobility No data available.

Ecological information on ingredients.

trans-1,2-DICHLOROETHYLENE

Mobility The product has poor water-solubility.

METHANOL

Mobility No data available.

Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

METHANOL

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

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.
MicroCare SMT Specialty Fluid

**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.

### 14. Transport information

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

**UN Number**
Not applicable.

**UN No. (DOT)**
Not applicable.

**UN proper shipping name**
Not applicable.

**Proper shipping name (DOT)**
Not applicable.

**Transport hazard class(es)**
No transport warning sign required.

**DOT transport labels**
No transport warning sign required.

**Packing group**
Not applicable.

**DOT packing group**
Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**
No.

**Special precautions for user**
Not applicable.

**DOT reportable quantity**
Not applicable.

**DOT TIH Zone**
Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable.

### 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:

*trans-1,2-DICHLOROETHYLENE*
Final CERCLA RQ: 1000(454) pounds (Kilograms)
MicroCare SMT Specialty Fluid

**METHANOL**
Final CERCLA RQ: 5000(2270) pounds (Kilograms)

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

**SARA 313 Emission Reporting**
The following ingredients are listed or exempt:

- **METHANOL**
  1.0 %

- **NITROMETHANE**
  0.1 %

**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**
The following ingredients are listed or exempt:

- **NITROMETHANE**
  Threshold Quantity: 2500 lbs

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**
The following ingredients are listed or exempt:

- **METHANOL**
  Known to the State of California to cause developmental and reproductive toxicity.

- **NITROMETHANE**
  Known to the State of California to cause cancer.

**California Air Toxics "Hot Spots" (A-I)**
The following ingredients are listed or exempt:

- **METHANOL**

**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**
- **METHANOL**
- **NITROMETHANE**

**Massachusetts "Right To Know" List**
The following ingredients are listed or exempt:
MicroCare SMT Specialty Fluid

trans-1,2-DICHLOROETHYLENE
METHANOL
NITROMETHANE

Rhode Island "Right To Know" List
The following ingredients are listed or exempt:
METHANOL
NITROMETHANE

Minnesota "Right To Know" List
The following ingredients are listed or exempt:
METHANOL
NITROMETHANE

New Jersey "Right To Know" List
The following ingredients are listed or exempt:
METHANOL
NITROMETHANE

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

Inventories
US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
The following ingredients are listed or exempt:
1,1,1,2,2,3,4,5,5,5-decafluoropentane
trans-1,2-DICHLOROETHYLENE

16. Other information

Classification abbreviations
Acute Tox. = Acute toxicity
STOT SE = Specific target organ toxicity-single exposure
Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Training advice
Only trained personnel should use this material.

Revision date 8/6/2018
Revision 28
Supersedes date 8/6/2018
SDS No. BULK - SMTR
MicroCare SMT Specialty Fluid

Hazard statements in full

H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.
H360 May damage fertility or the unborn child.
H370 Causes damage to organs.
H412 Harmful to aquatic life with long lasting effects.

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