### 1. Identification

**Product identifier**

**Product name**

MicroCare CMS Specialty Flux Remover

**Product number**

MCC-CMSL, MCC-CMSG, MCC-CMSGG, MCC-CMSP, MCC-CMSD, MCC-CMSGL

**Recommended use of the chemical and restrictions on use**

**Application**

Cleaning agent.

**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

techsupport@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**

STOT SE 1 - H370

**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**

**Pictogram**

[Image of a pictogram]
MicroCare CMS Specialty Flux Remover

Signal word
Danger

Hazard statements
H370 Causes damage to organs.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
P261 Avoid breathing vapor/ spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
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
Safety data sheet available on request. For use in industrial installations only.

Contains
METHANOL

Other hazards
This product contains a substance classified as PBT.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>trans-1,2-DICHLOROETHYLENE</td>
<td>30-60%</td>
</tr>
<tr>
<td>CAS number: 156-60-5</td>
<td></td>
</tr>
</tbody>
</table>

Classification
- Flam. Liq. 2 - H225
- Acute Tox. 4 - H332
- Aquatic Chronic 3 - H412

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2,2,3,4,5,5-decafluoropentane</td>
<td>30-60%</td>
</tr>
<tr>
<td>CAS number: 138495-42-8</td>
<td></td>
</tr>
</tbody>
</table>

Classification
- Aquatic Chronic 3 - H412

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,3,3-PENTAFLUOROBUTANE</td>
<td>10-30%</td>
</tr>
<tr>
<td>CAS number: 406-58-6</td>
<td></td>
</tr>
</tbody>
</table>

Classification
- Flam. Liq. 2 - H225
MicroCare CMS Specialty Flux Remover

METHANOL
CAS number: 67-56-1

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

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
Never give anything by mouth to an unconscious person. Do not induce vomiting. Place unconscious person on the side in the recovery position and ensure breathing can take place. If breathing stops, provide artificial respiration. Keep out of the reach of children.

Inhalation
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion
Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Consult a physician for specific advice.

Skin Contact
Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact
Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Consult a physician for specific advice.

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.

Indication of immediate medical attention and special treatment needed
Notes for the doctor
No specific recommendations. If in doubt, get medical attention promptly.

5. Fire-fighting measures

Extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Suitable extinguishing media

Special hazards arising from the substance or mixture
Specific hazards
Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Closed containers can burst violently when heated, due to excess pressure build-up.
MicroCare CMS Specialty Flux Remover

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon.

Advice for firefighters

Protective actions during firefighting

Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Warn everybody of potential hazards and evacuate if necessary. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level.

Environmental precautions

Environmental precautions

Contain spillage with sand, earth or other suitable non-combustible material. Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up

Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground. Contain and absorb spillage with sand, earth or other non-combustible material. Collect spillage with a shovel and broom, or similar and reuse, if possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Reference to other sections

See Section 11 for additional information on health hazards.

7. Handling and storage

Precautions for safe handling

Usage precautions

Provide adequate ventilation. Avoid inhalation of vapors/spray and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep out of the reach of children.

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

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

No information available that would effect occupational exposure limit values.

1,1,1,3,3-PENTAFLUOROBUTANE

Long-term exposure limit (8-hour TWA): SUP 1000 ppm

METHANOL
MicroCare CMS Specialty Flux Remover

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
ACGIH = American Conference of Governmental Industrial Hygienists.
OSHA = Occupational Safety and Health Administration.

Additional Occupational Exposure Limits

Ingredient comments

ACGIH = US Standard. WEL = Workplace Exposure Limits

METHANOL (CAS: 67-56-1)

Biological limit values

15 mg/l

Exposure controls

Protective equipment

Appropriate engineering controls
No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection
Wear suitable protective clothing as protection against splashing or contamination. Wear an apron or protective clothing in case of contact.

Hygiene measures
No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. When using do not eat, drink or smoke.

Respiratory protection
Vapors are heavier than air and may travel along the floor and accumulate in the bottom of containers. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

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.

pH
No information available.

Melting point
No information available.
MicroCare CMS Specialty Flux Remover

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point and range</td>
<td>36°C/96.8°F @ unspecified</td>
</tr>
<tr>
<td>Flash point</td>
<td>The product is not flammable. Tag Closed Cup (ASTM D 56)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available.</td>
</tr>
<tr>
<td>Evaporation factor</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Upper flammable/explosive limit: 14.00 %(V) Lower flammable/explosive limit: 6.25 %(V)</td>
</tr>
<tr>
<td>Other flammability</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>66.3 kPa @ 20°C</td>
</tr>
<tr>
<td>Vapor density</td>
<td>4.3</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.304 @ 20°C</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Slightly soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available.</td>
</tr>
<tr>
<td>Explosive under the influence of a flame</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>No information available.</td>
</tr>
<tr>
<td>Particle size</td>
<td>No information available.</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information available.</td>
</tr>
<tr>
<td>Volatility</td>
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</tr>
<tr>
<td>Saturation concentration</td>
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</tr>
<tr>
<td>Critical temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Volatile organic compound</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability</td>
<td>The product is not flammable.</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

- **Reactivity**: There are no known reactivity hazards associated with this product.
- **Stability**: Stable at normal ambient temperatures and when used as recommended.
- **Possibility of hazardous reactions**: Will not polymerize.
- **Conditions to avoid**: Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors.
MicroCare CMS Specialty Flux Remover

Materials to avoid
Alkali metals. Alkaline earth metals. Powdered metal.

Hazardous decomposition products
Heating may generate the following products: Toxic and corrosive gases or vapors. Halogenated hydrocarbons. Hydrogen fluoride (HF). Carbon dioxide (CO2). Carbon monoxide (CO).

11. Toxicological information

Information on toxicological effects

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

Acute toxicity - oral
ATE oral (mg/kg) 2,857.14

Acute toxicity - dermal
ATE dermal (mg/kg) 8,571.43

Acute toxicity - inhalation
ATE inhalation (vapours mg/l) 20.43

Inhalation
Vapors may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. Headache. Dizziness.

Ingestion
Harmful if swallowed. Irritating. Symptoms following overexposure may include the following: Nausea, vomiting. Stomach pain.

Skin Contact
Liquid may irritate skin.

Eye contact
Irritating to eyes.

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

Target Organs
Eyes Respiratory system, lungs Skin

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 - inhalation
ATE inhalation (vapours mg/l) 11.0

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

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

Species Rat
ATE oral (mg/kg) 5,000.0
MicroCare CMS Specialty Flux Remover

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

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ vapours mg/l)
Species: Rat
ATE inhalation (vapours mg/l): 114.0

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

Serious 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
Genotoxicity - in vitro: This substance has no evidence of mutagenic properties.
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.
MicroCare CMS Specialty Flux Remover

**1,1,1,3,3-PENTAFLUOROBUTANE**

**Acute toxicity - oral**
Acute toxicity oral (LD₅₀ mg/kg) 2,000.0
Species Rat
ATE oral (mg/kg) 2,000.0

**Acute toxicity - inhalation**
Acute toxicity inhalation (LC₅₀ vapours mg/l) 100,000.0
Species Rat
ATE inhalation (vapours mg/l) 100,000.0

**Specific target organ toxicity - single exposure**
STOT - single exposure LOAEL 75100 ppm, Inhalation

**Specific target organ toxicity - repeated exposure**
STOT - repeated exposure NOAEC 6 mg/l, Inhalation, Rat

**Target organs** Liver Kidneys

**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**
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**
## MicroCare CMS Specialty Flux Remover

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Classification Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin sensitization</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Genotoxicity - In vitro</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>IARC carcinogenicity</td>
<td>None of the ingredients are listed or exempt.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity - fertility</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity - development</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
</tbody>
</table>

### 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: 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.

### 12. Ecological information

#### Ecotoxicity

There are no data on the ecotoxicity of this product.

#### Ecological information on ingredients.

**trans-1,2-DICHLOROETHYLENE**

- Ecotoxicity: Low acute toxicity to aquatic organisms.

**1,1,2,2,3,4,5,5-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.

**METHANOL**
MicroCare CMS Specialty Flux Remover

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

Toxicity
No data available.

Ecological information on ingredients.

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

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

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

Persistence and degradability
There are no data on the degradability of this product.

Ecological information on ingredients.

METHANOL

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

Bioaccumulative potential

Bio-Accumulative Potential
No data available on bioaccumulation.

Partition coefficient
No information available.

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.

1,1,1,2,2,3,4,5,5,5-decafluoropentane
MicroCare CMS Specialty Flux Remover

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

**Partition coefficient** Pow: 2.7

**METHANOL**

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient** : -0.77

**Mobility in soil**

**Mobility** The product contains volatile substances which may spread in the atmosphere.

**Ecological information on ingredients.**

**trans-1,2-DICHLOROETHYLENE**

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

**METHANOL**

**Mobility** No data available.

**Other adverse effects**

The product contains a substance or substances that will contribute to global warming (greenhouse effect). The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

**Ecological information on ingredients.**

**METHANOL**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**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. (International)** Not applicable.

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

**UN proper shipping name**

**Proper shipping name**

**International** Not applicable.
MicroCare CMS Specialty Flux Remover

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)

Transport Labels No transport warning sign required.

DOT transport labels No transport warning sign required.

Packing group

Packing group (International) 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 Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

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

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

SARA Extremely Hazardous Substances EPCRA Reportable Quantities Not listed.

SARA 313 Emission Reporting

METHANOL 1.0 %

CAA Accidental Release Prevention Not listed.

SARA (311/312) Hazard Categories None
MicroCare CMS Specialty Flux Remover

OSHA  Highly Hazardous Chemicals
Not listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

WARNING: This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

METHANOL
Developmental toxin.

California Air Toxics "Hot Spots" (A-I)

METHANOL
Present.

California Air Toxics "Hot Spots" (A-II)
Not listed.

California Directors List of Hazardous Substances

trans-1,2-DICHLOROETHYLENE
Present.

METHANOL
Present.

Massachusetts "Right To Know" List

trans-1,2-DICHLOROETHYLENE
Present.

METHANOL
Present.

Rhode Island "Right To Know" List

METHANOL
Present.

Minnesota "Right To Know" List

METHANOL
Present.

New Jersey "Right To Know" List

METHANOL
Present.

Pennsylvania "Right To Know" List

trans-1,2-DICHLOROETHYLENE
Present.

METHANOL
Present.
MicroCare CMS Specialty Flux Remover

Inventories
Canada - DSL/NDSL
Yes

US - TSCA
Yes

trans-1,2-DICHLOROETHYLENE
Present.

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

1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE (CAS# 138495-42-8) is controlled by TSCA Section 5, Significant New Use Rule (SNUR; 40 CFR 721.5645) The approved uses are: precision and general cleaning, carrier fluid, displacement drying, printed circuit board cleaning, particulate removal and film cleaning, process medium, heat transfer fluid (dielectric and non-dielectric), and test fluid. Processors and users of this substance must also comply with the applicable general SNUR requirements set forth in 40 CFR 721 subpart A, including export notification requirements if applicable (40 CFR 721.20), and the applicable record keeping requirements set forth at 40 CFR 721.125.

1,1,1,3,3-PENTAFLUOROBUTANE
Present.

METHANOL
Present.

16. Other information

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date
1/18/2019

Revision
46

Supersedes date
5/30/2018

SDS No.
BULK - CMS

SDS status
Approved.

Hazard statements in full
H225 Highly flammable liquid and vapor.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H360 May damage fertility or the unborn child.
H370 Causes damage to organs.
H412 Harmful to aquatic life with long lasting effects.