# SAFETY DATA SHEET

**MicroCare XH Specialty Fluid**


## 1. Identification

<table>
<thead>
<tr>
<th><strong>Product identifier</strong></th>
<th>MicroCare XH Specialty Fluid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>MCC-XHD, MCC-XHGL, MCC-XHGG, MCC-XHP, MCC-XHIP, MCC-XHRD, MCC-XHRP</td>
</tr>
<tr>
<td><strong>Synonyms; trade names</strong></td>
<td>MicroCare Repackaged; M2S-XHD, M2S-XHGL, M2S-XHGG, M2S-XHP, M2S-XHIP</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th><strong>Supplier</strong></th>
<th>MICROCARE CORPORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturer</strong></td>
<td>MICROCARE CORPORATION</td>
</tr>
<tr>
<td></td>
<td>595 John Downey Drive</td>
</tr>
<tr>
<td></td>
<td>New Britain, CT 06051</td>
</tr>
<tr>
<td></td>
<td>United States of America</td>
</tr>
<tr>
<td></td>
<td>CAGE: OATV9</td>
</tr>
<tr>
<td></td>
<td>Tel: +1 800 638 0125, +1 860-827-0626</td>
</tr>
<tr>
<td></td>
<td>Fax: +1 860-893-1930</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:techsupport@microcare.com">techsupport@microcare.com</a></td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th><strong>Physical hazards</strong></th>
<th>Not Classified</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Health hazards</strong></td>
<td>Not Classified</td>
</tr>
</tbody>
</table>

**Label elements**

- **Hazard statements**: NC Not Classified
- **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**
# MicroCare XH Specialty Fluid

<table>
<thead>
<tr>
<th>1,1,1,2,2,3,4,5,5,5-decafluoropentane</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 138495-42-8</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**
Not relevant.

<table>
<thead>
<tr>
<th>HEPTANE</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 142-82-5</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**
- Flam. Liq. 2 - H225
- Skin Irrit. 2 - H315
- STOT SE 3 - H336
- Asp. Tox. 1 - H304
- Not relevant.

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**

<table>
<thead>
<tr>
<th>General information</th>
<th>If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation</strong></td>
<td>Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.</td>
</tr>
<tr>
<td><strong>Skin Contact</strong></td>
<td>Rinse with water.</td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>General information</th>
<th>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inhalation</strong></td>
<td>No specific symptoms known.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>No specific symptoms known.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>No specific symptoms known.</td>
</tr>
<tr>
<td><strong>Eye contact</strong></td>
<td>No specific symptoms known. May be slightly irritating to eyes.</td>
</tr>
</tbody>
</table>

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

| Notes for the doctor | Treat symptomatically. |

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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
Specific hazards
Containers can burst violently or explode when heated, due to excessive pressure build-up.

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

Advice for firefighters
Protective actions during firefighting
Avoid breathing fire gases or vapors. Evacuate area. 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.

Environmental precautions
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. 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

MicroCare XH Specialty Fluid
MicroCare XH Specialty Fluid

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.

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.

HEPTANE
Long-term exposure limit (8-hour TWA): ACGIH 400 ppm 1640 mg/m³
Short-term exposure limit (15-minute): ACGIH 500 ppm 2050 mg/m³
Long-term exposure limit (8-hour TWA): OSHA 500 ppm 2000 mg/m³
ACGIH = American Conference of Governmental Industrial Hygienists.
OSHA = Occupational Safety and Health Administration.

Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation. 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.
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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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Water-white.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>53°C @ 1013 hPa</td>
</tr>
<tr>
<td>Flash point</td>
<td>The product is not flammable.</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>Upper/lower flammability or</td>
<td>Not applicable. Lower flammable/explosive limit: Not</td>
</tr>
<tr>
<td>explosive limits</td>
<td>Flammable Upper flammable/explosive limit: Not Flammable</td>
</tr>
<tr>
<td>Other flammability</td>
<td>The product is not flammable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>296 hPa @ 52°C</td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>0.093 - 0.159 g/l @ 20°C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not relevant.</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>Global Warming Potential (GWP)</td>
<td></td>
</tr>
<tr>
<td>Volatility</td>
<td>100%</td>
</tr>
</tbody>
</table>

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: Harmful gases or vapors.
## 11. Toxicological Information

### Information on toxicological effects

#### 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)** Based on available data the classification criteria are not met.

#### 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.

#### General information

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

**Inhalation** No specific symptoms known.

**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
**MicroCare XH Specialty Fluid**

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

**Toxicological information on ingredients.**

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

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Value</th>
<th>Species</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - oral</td>
<td>5,000.0</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>5,000.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>5,000.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - dermal</td>
<td>5,000.0</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>5,000.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATE dermal (mg/kg)</td>
<td>5,000.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - inhalation</td>
<td>114.0</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity inhalation (LC₅₀ vapours mg/l)</td>
<td>114.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATE inhalation (vapours mg/l)</td>
<td>114.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>No irritating. Rabbit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Animal data</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human skin model test</td>
<td>Data lacking.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extreme pH</td>
<td>Not applicable. Not corrosive to skin.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not irritating. Rabbit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Data lacking.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not sensitizing. - Guinea pig: Not sensitizing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin sensitization</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genotoxicity - in vitro</td>
<td>This substance has no evidence of mutagenic properties.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genotoxicity - in vivo</td>
<td>This substance has no evidence of mutagenic properties.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Does not contain any substances known to be carcinogenic.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IARC carcinogenicity</td>
<td>Not listed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTP carcinogenicity</td>
<td>Not listed.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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MicroCare XH Specialty Fluid

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.

HEPTANE

Acute toxicity - inhalation
Acute toxicity inhalation (LC₅₀ vapours mg/l)    29.29
ATE inhalation (vapours mg/l)    29.29

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.
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

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

Bioaccumulative potential
No data available on bioaccumulation.

Ecological information on ingredients.

1,1,1,2,2,3,4,5,5,5-decafluoropentane
MicroCare XH Specialty Fluid

Bio-Accumulative Potential

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

Partition coefficient

Pow: 2.7

Mobility in soil

Mobility

No data available.

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.

Disposal methods

Do not empty into drains.

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.

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.
MicroCare XH Specialty Fluid

DOT reportable quantity  Not applicable.

DOT TIH Zone  Not applicable.

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

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)
None of the ingredients are listed or exempt.

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:
HEPTANE

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

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

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

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

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:
HEPTANE

Inventories
Canada - DSL/NDSL
DSL

US - TSCA
HEPTANE
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.

1,1,1,2,2,3,4,5,5,5-Decafluoropentane 138495-42-8
The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components in this product. This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D.

US - TSCA 12(b) Export Notification

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

16. Other information
MicroCare XH Specialty Fluid

Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act
IATA: International air transport association.
ICAO: Technical instructions for the safe transport of dangerous goods by air.
IMDG: International maritime dangerous goods.
CAS: Chemical abstracts service.
ATE: Acute toxicity estimate.
LC₅₀: Lethal concentration to 50% of a test population.
LD₅₀: Lethal dose to 50% of a test population (median lethal dose).
EC₅₀: 50% of maximal effective concentration.
PBT: Persistent, bioaccumulative and toxic substance.
vPvB: Very persistent and very bioaccumulative.

Classification abbreviations and acronyms

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Training advice

Only trained personnel should use this material.

Revision date 2/20/2020
Revision 17
Supersedes date 1/28/2019
SDS No. BULK - XH

Hazard statements in full

H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.

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.