SAFETY DATA SHEET
General Purpose Economy Dust Remover

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name General Purpose Economy Dust Remover
Product number MCC-DST147
CAS number 68476-85-7

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Cleaning agent.
Uses advised against For use in industrial installations only.

1.3. Details of the supplier of the safety data sheet
Supplier MICROCARE EUROPE BVBA
VEKESTRAAT 29 B11
INDUSTRIEZONE ‘T SAS
1910 KAMPENHOUT, Belgium
Phone +32.2.251.95.05
Fax +32.2.400.96.39
EuroSales@MicroCare.com

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

1.4. Emergency telephone number
Emergency telephone CHEMTREC UK (London) +(44)-870-8200418 +1 703-741-5970 (from anywhere in the world)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical hazards Aerosol 1 - H222, H229
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements
Pictogram
General Purpose Economy Dust Remover

Signal word
Danger

Hazard statements
H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P243 Take action to prevent static discharges.
P251 Do not pierce or burn, even after use.
P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381 In case of leakage, eliminate all ignition sources.
P403 Store in a well-ventilated place.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with local regulations.

Supplemental label
information
P102 Keep out of reach of children.
EUH210 Safety data sheet available on request.
RCH001a For use in industrial installations only.

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68476-85-7</td>
<td>EC number: 270-704-2</td>
</tr>
</tbody>
</table>

Classification
Flam. Gas 1 - H220

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

Ingredient notes
CAS 68476-85-7 Petroleum gases - as the substance contains less than 0.1% w/w 1,3 butadiene, the full harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply.

Composition

SECTION 4: First aid measures

4.1. Description of first aid measures

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

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.

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

4.2. Most important symptoms and effects, both acute and delayed
General Purpose Economy Dust Remover

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

**Inhalation**
Vapours may cause headache, fatigue, dizziness and nausea. Difficulty in breathing.

**Ingestion**
Due to the physical nature of this product, it is unlikely that ingestion will occur.

**Skin contact**
No specific symptoms known.

**Eye contact**
Prolonged contact causes serious eye and tissue damage.

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media
**Suitable extinguishing media**
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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

#### 5.2. Special hazards arising from the substance or mixture
**Specific hazards**
Containers can burst violently or explode when heated, due to excessive pressure build-up. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant.

**Hazardous combustion products**
Carbon monoxide (CO). Carbon dioxide (CO2). Harmful gases or vapours.

#### 5.3. Advice for firefighters
**Protective actions during firefighting**
Avoid breathing fire gases or vapours. 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. 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. Firefighter’s clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures
**Personal precautions**
Containers can burst violently or explode when heated, due to excessive pressure build-up. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Do not touch or walk into spilled material. Evacuate area. The product increases the risk of fire and may accelerate combustion. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Use approved respirator if air contamination is above an acceptable level.

**Environmental precautions**
Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

#### 6.3. Methods and material for containment and cleaning up
General Purpose Economy Dust Remover

Methods for cleaning up

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not allow material to enter confined spaces, due to the risk of explosion. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

For use in industrial installations only. Read and follow manufacturer’s recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid exposing aerosol containers to high temperatures or direct sunlight. Keep away from food and drink. Do not handle broken packages without protective equipment. Do not pierce or burn, even after use.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep away from oxidising materials, heat and flames. Keep only in the original container in a cool, well-ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F.

Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³
WEL = Workplace Exposure Limit

Additional Occupational Exposure Limits

8.2. Exposure controls

Protective equipment

Provide adequate ventilation. This product must not be handled in a confined space without adequate ventilation. Ensure operatives are trained to minimise exposure.

Appropriate engineering controls
General Purpose Economy Dust Remover

**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.

**Hand protection**  Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

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

**Hygiene measures**  When using do not eat, drink or smoke.

**Respiratory protection**  Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol.</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless.</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>-40 to -2°C @ 1013 hPa</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; -60°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
</tr>
<tr>
<td>Evaporation factor</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Extremely flammable.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Lower flammable/explosive limit: 1.4 %(V) Upper flammable/explosive limit: 10.9 %(V)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>590-1760 kPa @ 45°C</td>
</tr>
<tr>
<td>Vapour density</td>
<td>1.5</td>
</tr>
<tr>
<td>Relative density</td>
<td>500 - 510 kg/m3 @ 15°C</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>365°C</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
General Purpose Economy Dust Remover

Explosive under the influence of a flame Not available.
Oxidising properties Not available.
Global Warming Potential (GWP) Not available.

9.2. Other information
Other information Not available.
Refractive Index Not available.
Particle size Not available.
Molecular weight Not available.
Vatility Not available.
Saturation concentration Not available.
Critical temperature Not available.
Volatile organic compound This product contains a maximum VOC content of 100 %.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability Stable at normal ambient temperatures. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur. The following materials may react strongly with the product: Oxidising agents.

10.4. Conditions to avoid
Conditions to avoid Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated

10.5. Incompatible materials
Materials to avoid Strong oxidising agents.

10.6. Hazardous decomposition products
Hazardous decomposition products Does not decompose when used and stored as recommended. Carbon monoxide (CO). Carbon dioxide (CO2). Harmful vapours may be liberated during curing.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity - oral
Summary No specific test data are available.

Acute toxicity - dermal
Summary No specific test data are available.

Acute toxicity - inhalation
Acute toxicity Inhalation (L₅₀ vapours mg/l) 20.0
General Purpose Economy Dust Remover

Species
Rat

Skin corrosion/irritation
No specific test data are available.

Serious eye damage/irritation
No specific test data are available.

Respiratory sensitisation
No specific test data are available.

Skin sensitisation
No specific test data are available.

Germ cell mutagenicity
CAS 68476-85-7 Petroleum gases - as the substance contains less than 0.1% w/w 1,3 butadiene, the full harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply.

Carcinogenicity
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity
Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure
Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.

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

Aspiration hazard
No specific test data are available.

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

Inhalation
Spray/mists may cause respiratory tract irritation.

Ingestion
Due to the physical nature of this product, it is unlikely that ingestion will occur.

Skin contact
Repeated exposure may cause skin dryness or cracking.

Eye contact
May be slightly irritating to eyes.

Route of exposure
Inhalation Skin and/or eye contact

Target organs
No specific target organs known.

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity is unlikely to occur. The product is not believed to present a hazard due to its physical nature.

Acute aquatic toxicity
Not available.
General Purpose Economy Dust Remover

Chronic aquatic toxicity
Summary
Not available.

12.2. Persistence and degradability
Persistence and degradability
Expected to be readily biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential
Bioaccumulation is unlikely.
Partition coefficient
Not available.

12.4. Mobility in soil
Mobility
The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
General information
Waste should be treated as controlled waste. Do not discharge into an area that is poorly ventilated as accumulation of gas/vapours can be dangerous.
Disposal methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number
UN No. (IMDG)
1950
UN No. (ICAO)
1950

14.2. UN proper shipping name
Proper shipping name (IMDG)
UN 1950, AEROSOLS, FLAMMABLE, 2.1, LIMITED QUANTITY
Proper shipping name (ICAO)
UN 1950, AEROSOLS, FLAMMABLE, 2.1, LIMITED QUANTITY

14.3. Transport hazard class(es)
IMDG class
2.1
ICAO class/division
2.1

14.4. Packing group

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

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

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations**

**EU legislation**

**Guidance**
Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

| Revision date | 21/03/2019 |
| Revision      | 5          |
| Supersedes date | 20/03/2019 |
| SDS number   | AEROSOL - DST147 |
| Hazard statements in full | H220 Extremely flammable gas. |
|               | H222 Extremely flammable aerosol. |
|               | H229 Pressurised container: may burst if heated. |