1. IDENTIFICATION

Product Identifier

Product Name Super Grease Aerosol

Other means of identification

SDS # 43911C-DME
Product Code 43911C-DME
Synonyms None
UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended Use Industrial ejector pin lubricant
Uses Advised Against Use only under manufacturer's instructions

Details of the supplier of the safety data sheet

Initial Supplier Address DME Moulding Supplies
6210 Northwest Drive
Mississauga, Ontario L4V 1J6
905-677-6370

Manufacturer Address Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090

Emergency Telephone Number

Initial supplier phone number Please enter Initial Suppliers Phone Number here
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Water white liquid
Physical state Aerosol.
Odour Sweet ether odor

Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>2</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>3</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>2</td>
</tr>
<tr>
<td>Aspiration toxicity</td>
<td>1</td>
</tr>
<tr>
<td>Flammable Aerosols</td>
<td>2</td>
</tr>
<tr>
<td>Gases under pressure</td>
<td>Compressed Gas</td>
</tr>
</tbody>
</table>

Label Elements

Signal word
Danger
Hazard statements
Causes skin irritation
Suspected of damaging fertility or the unborn child
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Flammable Aerosol
Contains gas under pressure; may explode if heated

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not breathe dust/fume/gas/mist/vapours/spray
Use only outdoors or in a well-ventilated area
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash it before reuse
If skin irritation occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other Information
Toxic to aquatic life with long lasting effects
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance and Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Hazardous Material Information Review Act registry number (HMIRA registry #)</th>
<th>Date HMIRA filed and date exemption granted (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane</td>
<td>110-54-3</td>
<td>56</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1-decene, Homopolymer, Hydrogenated</td>
<td>68037-01-4</td>
<td>25</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propane</td>
<td>68476-86-8</td>
<td>13</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>8042-47-5</td>
<td>4</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Poly(tetrafluoroethylene)</td>
<td>9002-84-0</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benzene, Ethynyl-, Polymer with 2-methyl1,3-butadiene, Hydrogenated</td>
<td>68648-89-5</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First Aid Measures

General advice If exposed or concerned: Get medical advice/attention.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

Skin contact Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician if you feel unwell.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or poison control centre immediately.

Most important symptoms and effects

Symptoms May cause skin and eye irritation. Ingestion may cause nausea and burning sensation. Long term overexposure may cause liver and kidney damage. Overexposure by inhalation may cause CNS depression- drowsiness, dizziness, confusion or loss of coordination. If product is heated, inhalation of fumes released from product may cause ‘polymer fume fever’, a flu like illness. Symptoms of ‘polymer fume fever’ may include fever, chills, headache, nausea and muscle pain. Health effects caused by fluorine, hydrofluoric acid and its mineral salts.

Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

5. FIRE-FIGHTING MEASURES


Unsuitable extinguishing media Not determined.

Specific hazards arising from the chemical Aerosols are under pressure. Heat may cause the containers to explode. Combustion products may be toxic.

Hazardous Combustion Products Carbon oxides.
Explosion Data
- Sensitivity to Mechanical Impact: None.
- Sensitivity to Static Discharge: None.

Special protective equipment for fire-fighters
- Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. Use water spray to keep fire-exposed containers cool. Do not allow run-off from fire-fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
- Use personal protective equipment as required. Refer to protective measures listed in sections 7 and 8. Keep people away from and upwind of spill/leak. Ventilate affected area. Remove all sources of ignition.

Environmental precautions
- Prevent contamination of surface and groundwater. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment
- Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
- Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. For waste disposal, see section 13 of the SDS.

Prevention of secondary hazards
- Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling
- Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated areas. Pressurized container: Do not pierce or burn, even after use. Use spark-proof tools and explosion-proof equipment. Avoid contact with skin, eyes or clothing. Do not spray on an open flame or other ignition source. Empty containers may contain flammable vapors/residue. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Conditions for safe storage, including any incompatibilities

Storage Conditions
- Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Do not expose to temperatures exceeding 50 °C/122°F. Protect from sunlight. Inspect containers periodically for defects. Protect from physical damage.

Incompatible Materials
- Oxidizing agents
- Reactive metals
- Bases
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Canada - Alberta - Occupational Exposure Limits - Ceilings</th>
<th>Canada - British Columbia - Occupational Exposure Limits - Ceilings</th>
<th>Canada - Ontario - Occupational Exposure Limits - Ceilings</th>
<th>Quebec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane 110-54-3</td>
<td>TWA: 50 ppm TWA: 176 mg/m³ Skin</td>
<td>TWA: 20 ppm Skin</td>
<td>TWA: 50 ppm Skin</td>
<td>TWA: 50 ppm TWA: 176 mg/m³ Skin</td>
</tr>
<tr>
<td>Poly(tetrafluoroethylene) 9002-84-0</td>
<td></td>
<td></td>
<td></td>
<td>TWA: 2.5 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering controls

Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. Chemical splash goggles.

Hand protection

Wear suitable gloves. Consult the glove manufacturer for the most appropriate glove material.

Skin and body protection

No special protective equipment required.

Respiratory protection

In the case of vapor formation, use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

General hygiene considerations

Do not breathe vapour or mist. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Aerosol</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Water white liquid</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Water white</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>Sweet ether odor</td>
<td></td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; -40 °C / &lt; -40 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>69 °C / 156 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>-22 °C / -7.6 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Flammable aerosol</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>7.7%</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>1.2%</td>
<td></td>
</tr>
</tbody>
</table>
### Property Values

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapour Pressure</td>
<td>160 mm Hg</td>
<td></td>
</tr>
<tr>
<td>Vapour Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>0.659</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>225 °C / 437 °F</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

#### Other Information

- Softening Point: No information available
- Molecular weight: No information available
- VOC Content (%): No information available
- Density: No information available
- Bulk Density: No information available

### 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Hazardous Polymerisation: Hazardous polymerisation does not occur.

Conditions to Avoid: Ignition sources. Heat. Avoid direct sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Do not puncture or incinerate cans.


Hazardous Decomposition Products: Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Product Information

- **Eye contact**: Avoid contact with eyes.
- **Skin contact**: May be harmful in contact with skin. Causes skin irritation.
- **Inhalation**: Avoid breathing vapours or mists.
- **Ingestion**: Do not ingest.
Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

<table>
<thead>
<tr>
<th></th>
<th>ATEmix (oral)</th>
<th>ATEmix (dermal)</th>
<th>ATEmix (inhalation-vapour)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32,903.00</td>
<td>5,357.00</td>
<td>302.09</td>
</tr>
</tbody>
</table>

Unknown acute toxicity

No information available

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane</td>
<td>25 g/kg (Rat)</td>
<td>3000 mg/kg (Rabbit)</td>
<td>48000 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(tetrafluoroethylene)</td>
<td>-</td>
<td>Group 3</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>9002-84-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

IARC (International Agency for Research on Cancer)
Group 3 IARC components are "not classifiable as human carcinogens"

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT - single exposure

May cause drowsiness or dizziness.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane</td>
<td>-</td>
<td>2.1 - 2.98: 96 h Pimephales promelas mg/L LC50 flow-through</td>
<td>1000: 24 h Daphnia magna mg/L EC50</td>
<td></td>
</tr>
<tr>
<td>110-54-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>-</td>
<td>10000: 96 h Lepomis macrochirus mg/L LC50</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>8042-47-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence/Degradability

No information available.

Bioaccumulation

No information available.
Mobility

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>&lt;=2.8</td>
</tr>
<tr>
<td>68476-86-8</td>
<td></td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>&gt;6</td>
</tr>
<tr>
<td>8042-47-5</td>
<td></td>
</tr>
</tbody>
</table>

Other Adverse Effects
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste from residues/unused products
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging
Do not reuse empty containers.

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception.

TDG

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>Aerosols</td>
<td>2.1</td>
</tr>
</tbody>
</table>

DOT

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>Aerosols</td>
<td>2.1</td>
</tr>
<tr>
<td>(each not exceeding 1 L capacity)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IATA

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>Aerosols, flammable</td>
<td>2.1</td>
</tr>
</tbody>
</table>

IMDG

<table>
<thead>
<tr>
<th>UN/ID No</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1950</td>
<td>Aerosols</td>
<td>2.1</td>
</tr>
<tr>
<td>Marine Pollutant</td>
<td>This material may meet the definition of a marine pollutant</td>
<td></td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

International Regulations

Ozone-depleting substances (ODS)
Not applicable

Persistent Organic Pollutants
Not applicable

Export Notification requirements
Not applicable
International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS/ELINC</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexane</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1-decene, Homopolymer, Hydrogenated</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Propane</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Poly(tetrafluoroethylene)</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Benzene, Ethynyl-, Polymer with 2-methyl1,3-butadiene, Hydrogenated</td>
<td>X</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Legend:
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA
Health Hazards: Not determined
Flammability: Not determined
Instability: Not determined
Special Hazards: Not determined

HMIS
Health Hazards: Not determined
Flammability: Not determined
Physical hazards: Not determined
Personal Protection: Not determined

Legend: Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
TWA = TWA (time-weighted average)
STEL = STEL (Short Term Exposure Limit)

Issue Date: 09-Jan-2012
Revision Date: 15-Mar-2018
Revision Note: No information available.

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of Safety Data Sheet