Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS # 41112N-EU
Product Code 41112N
Product Name D.F.L. Dry Film Lube Mold Release
Formula 53122

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Industrial mold release

1.3. Details of the Supplier of the Safety Data Sheet

Supplier Slide Products Inc.
430 S. Wheeling Road
Wheeling, IL 60090 USA

For further information, please contact

Contact Point Slide Products: 1-847-541-7220
Email Address info@slideproducts.com

1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Flammable Aerosols Category 2

Classification according to 67/548/EEC
Full text of R-phrases: see section 16

R-code(s)
R10

2.2. Label Elements
Labeling according to Regulation (EC) No. 1272/2008 [CLP].
Signal Word

Warning

Hazard Statements
H223 - Flammable aerosol
EUH210 - Safety data sheet available on request

Precautionary Statements - EU (528, 1272/2008)
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3. Other Hazards

General Hazards
None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Classification according to 67/548/EEC</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>Present</td>
<td>115-10-6</td>
<td>45-55</td>
<td>F+; R12</td>
<td>Flam. Gas 1 (H220) Press. Gas (H280)</td>
<td>Not determined</td>
</tr>
<tr>
<td>1,1 difluoroethane</td>
<td>Present</td>
<td>75-37-6</td>
<td>45-55</td>
<td>F+; R12</td>
<td>Flam. Gas 1 (H220) Liq. Gas (H280)</td>
<td>Not determined</td>
</tr>
<tr>
<td>PTFE Solid</td>
<td>Present</td>
<td>9002-84-0</td>
<td>1-5</td>
<td>-</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>Present</td>
<td>67-63-0</td>
<td>1-6</td>
<td>F; R11 Xi; R36 R67</td>
<td>Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225)</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

Additional Information
Substances which do not meet the criteria for classification are included in order to provide full disclosure of the product

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Eye Contact    Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.
Skin Contact   Wash with soap and water.
Inhalation     Remove to fresh air.
Ingestion      Clean mouth with water and drink afterwards plenty of water.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms      Inhalation symptoms may include dizziness and headache. Nausea. Concentrated spray may cause freezing of skin area. Direct contact with eyes may cause temporary irritation.
4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician
Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media
Dry chemical. Carbon dioxide (CO2). Foam.

Unsuitable Extinguishing Media
Not determined.

5.2. Special Hazards Arising from the Substance or Mixture
Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: 10-12" flame projection.


5.3. Advice for Firefighters
Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
Use personal protective equipment as required.

For Emergency Responders
Use personal protection recommended in Section 8.

6.2. Environmental Precautions
See Section 12 for additional Ecological Information.

6.3. Methods and Material for Containment and Cleaning Up

Methods for Containment
Remove leaking container to outside disposal site. Remove all sources of ignition.

Methods for Clean-Up
Keep in suitable, closed containers for disposal.

6.4. Reference to Other Sections
See Section 13: DISPOSAL CONSIDERATIONS.

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Advice on Safe Handling
Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not drop, puncture, or incinerate. Do not spray on floors.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.
7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Protect from direct sunlight.

7.3. Specific End Use(s)

Specific Use(s)
Industrial mold release.

Risk Management Methods (RMM)
The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

Threshold Limit Value: 400 ppm.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>European Union</th>
<th>United Kingdom</th>
<th>France</th>
<th>Spain</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether 115-10-6</td>
<td>TWA 1000 ppm</td>
<td>TWA 1920 mg/m³</td>
<td>TWA 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1920 mg/m³</td>
<td>TWA: 1920 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>STEL 500 ppm</td>
<td>STEL: 1250 mg/m³</td>
<td>STEL: 400 ppm</td>
<td>STEL: 1000 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL: 500 ppm</td>
<td>TWA: 400 ppm</td>
<td>STEL: 980 mg/m³</td>
<td>TWA: 200 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL: 500 ppm</td>
<td>TWA: 666 mg/m³</td>
<td>TWA: 200 ppm</td>
<td>TWA: 500 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Component

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Italy</th>
<th>Portugal</th>
<th>Netherlands</th>
<th>Finland</th>
<th>Denmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether 115-10-6 (45-55)</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1920 mg/m³</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1920 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol 67-63-0 (1-6)</td>
<td>STEL: 400 ppm</td>
<td>TWA: 200 ppm</td>
<td>TWA: 200 ppm</td>
<td>TWA: 500 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Austria</th>
<th>Switzerland</th>
<th>Poland</th>
<th>Norway</th>
<th>Ireland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether 115-10-6</td>
<td>STEL 2000 ppm</td>
<td>STEL 3820 mg/m³</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 200 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL: 2000 mg/m³</td>
<td>TWA: 1910 mg/m³</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 384 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>STEL 800 ppm</td>
<td>STEL 1200 mg/m³</td>
<td>TWA: 200 ppm</td>
<td>TWA: 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL: 800 mg/m³</td>
<td>TWA: 1000 mg/m³</td>
<td>TWA: 200 ppm</td>
<td>TWA: 245 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Skin</th>
<th>Skin</th>
<th>Skin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>STEL 800 ppm</td>
<td>STEL: 1200 mg/m³</td>
<td>Skin</td>
</tr>
<tr>
<td></td>
<td>STEL: 800 mg/m³</td>
<td>TWA: 1000 mg/m³</td>
<td>Skin</td>
</tr>
</tbody>
</table>

8.2. Exposure Controls

Engineering Controls
Apply technical measures to comply with the occupational exposure limits.

Personal Protective Equipment

Eye/Face Protection
Proper eye care is needed in all industrial operations.

Hand Protection
Protective gloves are not required, but recommended.

Skin and Body Protection
Suitable protective clothing.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Aerosol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Milky white dispersion</td>
<td>Odor</td>
<td>Slight alcohol</td>
</tr>
<tr>
<td>Color</td>
<td>Milky white</td>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; -45 °C / &lt; -50 °F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Extremely rapid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Flammable aerosol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>25.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>4.0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.0</td>
<td>(Water = 1)</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Not soluble</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9.2. Other information

Density                          Weight per gallon: 8.37

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Hazardous Polymerization

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

High heat or open flames.

10.5. Incompatible Materials

Powdered or alkaline earth metals.

10.6. Hazardous Decomposition Products

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information

Eye Contact Avoid contact with eyes.
Skin Contact Avoid contact with skin.
Inhalation Do not inhale.
Ingestion Do not ingest.

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD₅₀</th>
<th>Dermal LD₅₀</th>
<th>Inhalation LC₅₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>4396 mg/kg (Rat)</td>
<td>= 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit)</td>
<td>308.5 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td></td>
<td></td>
<td>72.6 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation Not classified.
Serious eye damage/eye irritation Not classified.
Sensitization Not classified.
Germ cell mutagenicity Not classified.
Carcinogenicity None known based on information supplied.
Reproductive toxicity Not classified.
STOT - single exposure Not classified.
STOT - repeated exposure Not classified.
Aspiration hazard Not classified.
Symptoms Please see section 4 of this SDS for symptoms.
Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>9640: 96 h Pimephales promelas mg/L LC50 1000: 96 h Pimephales promelas mg/L EC50</td>
<td>13299: 48 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

12.2. Persistence and Degradability
Not determined.

12.3. Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>-0.18</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>0.05</td>
</tr>
</tbody>
</table>

12.4. Mobility in Soil
Mobility
Not determined.

12.5. Results of PBT and vPvB Assessment
Not determined.

12.6. Other Adverse Effects
Not determined.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods
Waste from Residues / Unused Products
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
Improper disposal or reuse of this container may be dangerous and illegal.

Section 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.

IMDG
14.1 UN/ID No
UN1950
14.2 Proper Shipping Name
Aerosols
14.3 Hazard Class
2.1

RID
14.1 UN/ID No
UN1950
14.2 Proper Shipping Name
Aerosols
14.3 Hazard Class
2.1
ADR
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols
14.3 Hazard Class 2.1

ICAO (air)
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols, flammable
14.3 Hazard Class 2.1

IATA
14.1 UN/ID No UN1950
14.2 Proper Shipping Name Aerosols, flammable
14.3 Hazard Class 2.1

Section 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Occupational Illnesses (R-463-3, France)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>French RG number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>RG 84</td>
<td></td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

European Union
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS/ELINCS</td>
<td>-</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>-</td>
</tr>
<tr>
<td>PICCS</td>
<td>-</td>
</tr>
<tr>
<td>ENCS</td>
<td>-</td>
</tr>
<tr>
<td>IECSC</td>
<td>-</td>
</tr>
<tr>
<td>AICS</td>
<td>-</td>
</tr>
<tr>
<td>KECL</td>
<td>-</td>
</tr>
</tbody>
</table>

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

15.2. Chemical Safety Assessment
No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3
R12 - Extremely flammable
R11 - Highly flammable
R67 - Vapors may cause drowsiness and dizziness
R36 - Irritating to eyes
R10 - Flammable
Full text of H-Statements referred to under sections 2 and 3
H220 - Extremely flammable gas
H280 - Contains gas under pressure; may explode if heated
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H225 - Highly flammable liquid and vapor

Classification Procedure
Calculation method

Issue Date: 01-Sep-2012
Revision Date: 01-Jan-2015
Revision Note: New format.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

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