



## 1. Identification

**Product identifier** 41112N-CA  
**Product Identity** D.F.L. Dry Film Lube Mold Release  
**Other means of identification** D.F.L. Dry Film Mold Release, 41112N

### Relevant identified uses of the substance or mixture and uses advised against

Industrial Mold Release

### Details of the supplier of the safety data sheet

**Company Name** Slide Products Inc.  
430 Wheeling Road  
Wheeling, IL 60090

**Initial Supplier Address** THIS SAFETY DATA SHEET IS NOT COMPLIANT UNLESS CANADIAN ADDRESS IS USED  
PLEASE CONTACT A CANADIAN SLIDE DISTRIBUTOR FOR THE FULLY COMPLIANT SDS FILE

**Emergency**  
**24 hour Emergency Telephone No.** Emergency Telephone INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)  
**Customer Service:** Phone: 1-847-541-7220  
Fax: 1-847-541-7986

## 2. Hazard(s) identification

### Classification of the substance or mixture

Extremely flammable gas.  
Contains gas under pressure; may explode if heated.  
May cause drowsiness or dizziness.  
May be fatal if swallowed and enters airways.  
May displace oxygen and cause rapid suffocation.

**Label elements****Danger**

Extremely flammable gas.  
Contains gas under pressure; may explode if heated.  
May be fatal if swallowed and enters airways.  
May cause drowsiness and dizziness.  
May displace oxygen and cause rapid suffocation.

**[Prevention]:**

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.  
Keep container tightly closed.  
Avoid breathing dust, fume, gas, mist, vapours, spray.  
Use only outdoors or in a well-ventilated area.

**[Response]:**

IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER, doctor or physician if you feel unwell.  
Do NOT induce vomiting.  
Leaking gas fire - do not extinguish unless leak can be stopped safely.  
Eliminate all ignition sources if safe to do so.

**[Storage]:**

Store in a well ventilated place. Keep container tightly closed.  
Store in a well ventilated place. Keep cool.  
Store locked up.  
Protect from sunlight. Store in a well ventilated place.

**[Disposal]:**

Dispose of contents or container in accordance with local and national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
1,1-Difluoroethane CAS Number: 0000075-37-6 Synonyms: 1,1-difluoroethane (HFC-152A)	45 - 70	Flam. Gas 1;H220 Liquified Gas;H280 STOT SE 3;H336 Simple Asphyxiant	----
Dimethyl ether CAS Number: 0000115-10-6 Synonyms: Methane, oxybis-	45 - 70	Flam. Gas 1;H220	----
Fatty acids, c18-unsatd., phosphates CAS Number: 0068604-99-9 Synonyms: Fatty acids, c18-unsaturated, phosphates	7 - 13		----
Isopropyl Alcohol CAS Number: 0000067-63-0 Synonyms: Solvent C-3, ISOPROPANOL, ISOPROPYL ALCOHOL (manufacture-strong acid process, Propan-2-ol	1 - 5	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	----

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### Description of first aid measures

**General** In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

**Inhalation** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

**Overview** Treat symptomatically. Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Inhalation** May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

**Section 5. Fire-fighting measures****Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

**Special hazards arising from the substance or mixture**

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep container tightly closed.

Avoid breathing dust, fume, gas, mist, vapours, spray.

**Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

**Section 6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**Environmental precautions**

Do not allow spills to enter drains or waterways.

**Methods and material for containment and cleaning up**

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

**Section 7. Handling and storage****Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.  
See section 2 for further details. - [Prevention]:

**Conditions for safe storage, including any incompatibilities**

Incompatible materials: Strong oxidizing agents and acids.  
See section 2 for further details. - [Storage]:

**Specific end use(s)**

No available information



**Section 8. Exposure controls / personal protection**

**Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	ACGIH	TWA: 200 ppm STEL: 400 ppm
Alberta	200 ppm TWA; 492 mg/m <sup>3</sup> TWA 400 ppm STEL; 984 mg/m <sup>3</sup> STEL		
British Columbia	200 ppm TWA 400 ppm STEL		
Manitoba	200 ppm TWA 400 ppm STEL		
New Brunswick	400 ppm TWA; 983 mg/m <sup>3</sup> TWA 500 ppm STEL; 1230 mg/m <sup>3</sup> STEL		
Newfoundland and Labrador	200 ppm TWA 400 ppm STEL		
Nova Scotia	200 ppm TWA 400 ppm STEL		
Northwest Territories	200 ppm TWA 400 ppm STEL		
Nunavut	200 ppm TWA 400 ppm STEL		
Ontario	200 ppm TWA 400 ppm STEL		
Prince Edward Island	200 ppm TWA 400 ppm STEL		
Quebec	400 ppm TWAEV; 985 mg/m <sup>3</sup> TWAEV 500 ppm STEV; 1230 mg/m <sup>3</sup> STEV		
Saskatchewan	200 ppm TWA 400 ppm STEL		
Yukon	400 ppm TWA; 980 mg/m <sup>3</sup> TWA 500 ppm STEL; 1225 mg/m <sup>3</sup> STEL		
0000075-37-6	1,1-Difluoroethane	ACGIH	No Established Limit
Alberta	No Established Limit		
British Columbia	No Established Limit		
Manitoba	No Established Limit		
New Brunswick	No Established Limit		
Newfoundland and Labrador	No Established Limit		
Nova Scotia	No Established Limit		
Northwest Territories	No Established Limit		



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CAS No.	Ingredient	Source	Value
Nunavut	No Established Limit		
Ontario	No Established Limit		
Prince Edward Island	No Established Limit		
Quebec	No Established Limit		
Saskatchewan	No Established Limit		
Yukon	No Established Limit		
0000115-10-6	Dimethyl ether	ACGIH	TWA: 1000 ppm
Alberta	No Established Limit		
British Columbia	1000 ppm TWA		
Manitoba	No Established Limit		
New Brunswick	No Established Limit		
Newfoundland and Labrador	No Established Limit		
Nova Scotia	No Established Limit		
Northwest Territories	No Established Limit		
Nunavut	No Established Limit		
Ontario	No Established Limit		
Prince Edward Island	No Established Limit		
Quebec	No Established Limit		
Saskatchewan	No Established Limit		
Yukon	No Established Limit		
0068604-99-9	Fatty acids, c18-unsatd., phosphates	ACGIH	No Established Limit
Alberta	No Established Limit		
British Columbia	No Established Limit		
Manitoba	No Established Limit		
New Brunswick	No Established Limit		
Newfoundland and Labrador	No Established Limit		
Nova Scotia	No Established Limit		



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CAS No.	Ingredient	Source	Value
Northwest Territories	No Established Limit		
Nunavut	No Established Limit		
Ontario	No Established Limit		
Prince Edward Island	No Established Limit		
Quebec	No Established Limit		
Saskatchewan	No Established Limit		
Yukon	No Established Limit		

**Exposure**

**controls**

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Protective safety glasses recommended

**Skin** Avoid skin contact. Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. 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 any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.



**Section 9. Physical and chemical properties**

<b>Appearance</b>	Milky-white Pressurized aerosol dispensed as a mist.
<b>Odour</b>	Slight Alcohol
<b>Odour threshold</b>	No available information
<b>pH</b>	Not Available
<b>Melting point / freezing point</b>	<-50 °F /<-45 °C,
<b>Initial boiling point and boiling range</b>	No available information
<b>Flash Point</b>	Not applicable
<b>Evapouration rate (Ether = 1)</b>	Extremely rapid
<b>Flammability (solid, gas)</b>	Gas
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> 4.0%
	<b>Upper Explosive Limit:</b> 25.0%
<b>Vapour pressure (Pa)</b>	No available information
<b>Vapour Density</b>	No available information
<b>Relative Density</b>	1.0 (Water = 0)
<b>Solubility in Water</b>	No available information
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information
<b>Density</b>	Weight per gallon: 8.37

**Other information**

No other relevant information.

**Section 10. Stability and reactivity**

**Reactivity**

Hazardous Polymerization will not occur.

**Chemical stability**

Stable under normal circumstances.

**Possibility of hazardous reactions**

No available information

**Conditions to avoid**

Excessive heat and open flame.

**Incompatible materials**

Strong oxidizing agents and acids.

**Hazardous decomposition products**

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

**Section 11. Toxicological information**

**Acute toxicity**

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
1,1-Difluoroethane - (75-37-6)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Dimethyl ether - (115-10-6)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
Fatty acids, c18-unsatd., phosphates - (68604-99-9)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}
Isopropyl Alcohol - (67-63-0)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0000067-63-0 ACGIH	Isopropyl Alcohol A4	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000075-37-6 ACGIH	1,1-Difluoroethane No Established Limit	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000115-10-6 ACGIH	Dimethyl ether No Established Limit	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068604-99-9 ACGIH	Fatty acids, c18-unsatd., phosphates No Established Limit	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	1	May be fatal if swallowed and enters airways.

**Symptoms and effects, both acute and delayed::**

Treat symptomatically.

**Inhalation** May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

**Section 12. Ecological information**

**Toxicity**

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
1,1-Difluoroethane - (75-37-6)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Dimethyl ether - (115-10-6)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Fatty acids, c18-unsatd., phosphates - (68604-99-9)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Isopropyl Alcohol - (67-63-0)	{CalcFish}	{CalcCrust}	{CalcAlgae}

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations**

**Waste treatment methods**

Observe all federal, provincial and local regulations when disposing of this substance.



**Section 14. Transport information**

When shipped in containers of 0.3 gallons (1 L) or less this material may be reclassified in accordance with DOT regulations 49 CFR 173.150 / IATA DGR packing instruction Y341/ IMDG Code 3.4 as: Limited Quantity.

Classification Method: Classified as per Part 2, Sections 2.1 - 2.8 of the Transportation of Dangerous Goods Regulations.

	<b>TDG (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>UN number</b>	UN1950	UN1950	UN1950
<b>UN proper shipping name</b>	Aerosols	Aerosols, flammable	Aerosols, flammable
<b>Transport hazard class(es)</b>	<b>TDG Hazard Class:</b> 2.1 <b>Sub Class:</b> Not Applicable	<b>IMDG:</b> 2.1 <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> 2.1 <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable

**Environmental hazards**

Marine Pollutant: No;

**Special precautions for user**

No available information

**Section 15. Regulatory information**

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17) and the SDS contains all of the information required by those regulations.

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined

**Canadian Domestic Substance List (DSL):**

1,1-Difluoroethane

Dimethyl ether

Fatty acids, c18-unsatd., phosphates

Isopropyl Alcohol

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.



**Section 16. Other information**

**SDS Revision Date**

11/02/2023

<b>HMIS</b>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	3	0	B

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

**End of Document**