



**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier** 41612N-EU

**Product Identity** Slide EconoMist Mold Release

**Alternate Names** Slide EconoMist Mold Release

**Unique Formula Identifier**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Intended Uses and Uses Advised Against** Industrial Mold Release

**1.3. Details of the supplier of the safety data sheet**

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

**Customer Service:** Phone: 1-847-541-7220  
Fax: 1-847-541-7986

**1.4. Emergency telephone number**

**Emergency**  
**24 hour Emergency Telephone No.** Emergency Telephone INFOTRAC 1-352-323-3500  
(International)  
1-800-535-5053 (North America)

**Section 2. Hazard identification of the product**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Flam. Gas 1;H220 Extremely flammable gas.  
Press. Gas;H280 Contains gas under pressure; may explode if heated.

## 2.2. Label elements

According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006



**Danger**

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P377 Leaking gas fire - do not extinguish unless leak can be stopped safely.

P403+233 Store in a well ventilated place. Keep container tightly closed.

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P312 Call a POISON CENTER, doctor or physician if you feel unwell.

P381 In case of leakage, eliminate all ignition sources.

## 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

May displace oxygen and cause rapid suffocation.

**Section 3. Composition/information on ingredients**

**3.2. Mixtures**

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS] (as amended by (EU) 2015/830 and REGULATION (EU) 2020/878), they are listed below.

Ingredient/Chemical Designations	Weight %	EC No. 1272/2008 Classification	Notes
Dimethyl ether CAS Number: 115-10-6	50 - 60	Flam. Gas 1;H220 Press. Gas;H280	
1,1-Difluoroethane CAS Number: 75-37-6	30-55	Flam. Gas 1;H220 Liquified Gas;H280 STOT SE 3;H336 Simple Asphyxiant	
Dimethylsiloxane CAS Number: 63148-62-9	1-5	Not Classified	

<sup>CLP 31</sup>Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

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

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

**Section 4. First aid measures**

**4.1. 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.

**Eye** 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 swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

## 4.2. Most important symptoms and effects, both acute and delayed

**Overview** Treat symptomatically. Exposure to solvent vapor 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.

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

**Notes to physician** Treat symptomatically. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER, doctor or physician if you feel unwell.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

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

### 5.2. 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.

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

### 5.3. 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.  
Leaking gas fire - do not extinguish unless leak can be stopped safely. In case of leakage, eliminate all ignition sources.

## Section 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).  
Avoid breathing dust, fume, gas, mist, vapors, spray. Use only outdoors or in a well-ventilated area.

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.  
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.  
Dispose of contents or container in accordance with local and national regulations.

### 6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. 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.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong oxidizing agents and acids.  
Store in a well ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well ventilated place.

### 7.3. Specific end use(s)

No available information

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

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
75-37-6	1,1-Difluoroethane	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
115-10-6	Dimethyl ether	ACGIH	TWA: 1000 ppm
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
63148-62-9	Dimethylsiloxane	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

**8.2. 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 vapor 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.

**Section 9. Physical and chemical properties**

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

<b>Physical State</b>	Pressurized aerosol dispensed as a mist.
<b>Color</b>	Clear
<b>Odor</b>	Slight ether
<b>Melting point / freezing point</b>	< -45.6 °C / < -50 °F
<b>Initial boiling point and boiling range</b>	No available information
<b>Flammability (solid, gas)</b>	Gas
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information <b>Upper Explosive Limit:</b> No available information
<b>Flash Point</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	No available information
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapor pressure (Pa)</b>	No available information
<b>Relative Density</b>	0.75
<b>Vapor Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	No available information
<b>VOC Content</b>	97%
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information

**9.2. Other information**

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No available information.

### 10.4. Conditions to avoid

Excessive heat and open flame.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

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

## Section 11. Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Exposure to solvent vapor 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).





**Safety Data Sheet**  
**Slide EconoMist Mold Release**

**SDS Revision Date: 18/10/2024**

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)	No data available.	No data available.	No data available.	No data available.	No data available.
Dimethyl ether - (115-10-6)	No data available.	No data available.	308.00, Rat - Category: NA	No data available.	No data available.
Dimethylsiloxane - (63148-62-9)	17,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available.	No data available.	No data available.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
75-37-6	1,1-Difluoroethane	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
115-10-6	Dimethyl ether	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
63148-62-9	Dimethylsiloxane	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	---
Acute toxicity (dermal)	---	---
Acute toxicity (inhalation)	---	---
Skin corrosion/irritation	---	---
Serious eye damage/irritation	---	---
Respiratory sensitization	---	---
Skin sensitization	---	---
Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-repeated exposure	---	---
Aspiration hazard	---	---

**11.2 Information on other hazards**

**11.2.1. Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**Section 12. Ecological information**

**12.1. 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	3hr IC50 Bacteria mg/L	Biodegradability %
1,1-Difluoroethane - (75-37-6)	No data available.	No data available.	No data available.	---	---
Dimethyl ether - (115-10-6)	1,783.04, Fish	755.55, Daphnia sp	154.92, Algae	---	5.00
Dimethylsiloxane - (63148-62-9)	>2,000.00, Fish	>2,000.00, Daphnia magna	>2,000.00, Algae	---	Not readily biodegradable

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

No available information.

**12.4. Mobility in soil**

No available information.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6 Endocrine disrupting properties**

This product contains no endocrine disrupting chemicals.

**12.7. Other adverse effects**

No available information

**Section 13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state 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.

	<b>ADR/RID</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	UN1950	UN1950	UN1950
<b>14.2. UN proper shipping name</b>	Aerosols (each not exceeding 1 L capacity)	Aerosols	Aerosols, flammable
<b>14.3. Transport hazard class(es)</b>	<b>DOT 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>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
Marine Pollutant: No;			
<b>14.6. Special precautions for user</b>			
No available information			
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>			
Not Applicable			

**Section 15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU Legislation**

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**National Legislation**

WGK Class: 1

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out.



**Section 16. Other information**

**SDS Revision Date** 18/10/2024  
**Revision Number** 1

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

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

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

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H336 May cause drowsiness and dizziness.

ACGIH - American Conference of Governmental Industrial Hygienists  
ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)  
CAS - Chemical Abstract Service  
CLP - Classification Labeling and Packaging  
DOT - Department of Transportation  
EC50 - European Commission  
EC50 - Half maximal effective concentration  
ErC50 - The concentration of test substance which results in a 50 percent reduction in growth rate (ErC50) relative to the control within 72hrs exposure.  
GHS - Globally Harmonized System  
IARC - International Agency for Research on Cancer  
IATA - International Civil Aviation Organization  
IC50 - The amount of a substance suspended in the air required to kills 50% of a test animals during a predetermined observation period.  
ICAO - International Civil Aviation Organization  
IMDG - International Maritime Dangerous Goods  
IMO - International Maritime Organization  
LC50 - Is the Lethal Concentration of a substance at which 50% of test animals die.  
LD50 - Is the Lethal Dose at which 50% of the animals will be expected to die.  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration  
PBT - Persistent, Bioaccumulative and Toxic Chemicals  
PEL - Permissible Exposure Limit  
REACH - Registration, Evaluation, Authorization and Restriction of Chemicals  
RID - Regulations concerning the international carriage of dangerous goods by rail)  
STEL - Short Term Exposure Limit  
TWA - Time Weighted Average  
vPvB - Very Persistent and very Bio-accumulative  
WGK - Water Hazard Class

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Classification	Justification
Flam. Gas 1;H220	On basis of test data
Press. Gas;H280	On basis of test data

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

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