

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

### 1.1. Product Identifier

SDS # 43512N-EU  
Product Code 43512N  
Product Name Slide Lecithin Mold Release  
  
Formula 53136

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

Recommended Use Mold Release

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Supplier

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

#### 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**

Labelling according to Regulation (EC) No. 1272/2008 [CLP].

Flammable Aerosols	Category 1
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#### **Classification according to 67/548/EEC**

Full text of R-phrases: see section 16

#### **Hazard Symbols**

F+ - Extremely flammable

#### **R-code(s)**

R12

### 2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP].

**Signal Word**

Danger

**Hazard Statements**

H222 - Extremely flammable aerosol

H229 - Pressurized container: May burst if heated

EUH210 - Safety data sheet available on request

**Precautionary Statements - EU (§28, 1272/2008)**

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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

**2.3. Other Hazards****General Hazards**

None known

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Dimethyl ether	Present	115-10-6	63	F+; R12	Flam. Gas 1 (H220) Press. Gas (H280)	Not determined
1,1,1,2-Tetrafluoroethane	Present	811-97-2	34	-	Not determined	Not determined

**Full text of R-phrases: see section 16****Full text of H- and EUH-phrases: see section 16****Additional Information**

Substances without a classification are included, because they have established occupational exposure limits

**Section 4: FIRST AID MEASURES****4.1. Description of First Aid Measures**

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

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

**Symptoms** Excessive inhalation may produce dizziness, nausea, headache, and incoordination. 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 (CO<sub>2</sub>). 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. Pressurized container: May burst if heated. Aerosol flame projection test: 18" extension at 70 F.

**Hazardous Combustion Products** Hydrogen fluoride and other fluorine compounds.

**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**

Collect spillage.

**6.3. Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Place in appropriate 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. 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. Protect from direct sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 7.3. Specific End Use(s)

#### **Specific Use(s)**

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

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Dimethyl ether 115-10-6	TWA 1000 ppm TWA 1920 mg/m <sup>3</sup>	STEL: 500 ppm STEL: 958 mg/m <sup>3</sup> TWA: 400 ppm TWA: 766 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> Ceiling / Peak: 8000 ppm Ceiling / Peak: 15200 mg/m <sup>3</sup>
1,1,1,2-Tetrafluoroethane 811-97-2		STEL: 3000 ppm STEL: 12720 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 4240 mg/m <sup>3</sup>			TWA: 1000 ppm TWA: 4200 mg/m <sup>3</sup> Ceiling / Peak: 8000 ppm Ceiling / Peak: 33600 mg/m <sup>3</sup>
Component	Italy	Portugal	Netherlands	Finland	Denmark
Dimethyl ether 115-10-6 ( 63 )	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>		STEL: 1500 mg/m <sup>3</sup> TWA: 950 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2000 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Dimethyl ether 115-10-6	STEL 2000 ppm STEL 3820 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1910 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 384 mg/m <sup>3</sup> STEL: 250 ppm STEL: 480 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1920 mg/m <sup>3</sup>
1,1,1,2-Tetrafluoroethane 811-97-2	STEL 4000 ppm STEL 16800 mg/m <sup>3</sup> TWA: 1000 ppm TWA: 4200 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 4200 mg/m <sup>3</sup>			

### 8.2. Exposure Controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

<b>Eye/Face Protection</b>	Proper eye care is needed in all industrial operations.
<b>Hand Protection</b>	Protective gloves are not required, but recommended.
<b>Skin and Body Protection</b>	Suitable protective clothing.
<b>Respiratory Protection</b>	Provide adequate ventilation.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Aerosol	<b>Odour</b>	Not determined
<b>Appearance</b>	Clear, oily, colourless liquid	<b>Odour Threshold</b>	Not determined
<b>Colour</b>	Colourless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting Point/Freezing Point</b>	< -45 °C / -50 °F	
<b>Boiling Point/Boiling Range</b>	Not available	
<b>Flash Point</b>	Not applicable	
<b>Evaporation Rate</b>	Not available	
<b>Flammability (Solid, Gas)</b>	Flammable aerosol	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapour Pressure</b>	Not determined	
<b>Vapour Density</b>	Not determined	
<b>Relative Density</b>	0.81	(1=Water)
<b>Water Solubility</b>	Insoluble in water	
<b>Solubility(ies)</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidising Properties</b>	Not determined	

**9.2. Other information**

<b>Density</b>	6.79 wt/gal
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**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**

Open flames. Avoid high temperatures.

**10.5. Incompatible Materials**

Powdered or alkaline earth metals.

**10.6. Hazardous Decomposition Products**

Hydrogen fluoride and other fluorine compounds.

**Section 11: TOXICOLOGICAL INFORMATION****11.1. Information on Toxicological Effects****Acute Toxicity****Product Information**

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

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

Oral LD50	99,999.00
Units	mg/kg
Dermal LD50	99,999.00
Units	mg/kg
Inhalation	
Gas	99,999.00
Units	mg/L
Mist	99,999.00
Units	mg/L
Vapor	441.00
Units	mg/L

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether			= 308.5 mg/L ( Rat ) 4 h
1,1,1,2-Tetrafluoroethane			= 1500 g/m <sup>3</sup> ( Rat ) 4 h

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.

<b>Carcinogenicity</b>	None known based on information supplied.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>Symptoms</b>	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.

### 12.2. Persistence and Degradability

Not determined.

### 12.3. Bioaccumulative Potential

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Chemical Name	Partition Coefficient
Dimethyl ether	-0.18

### 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

**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****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**

TSCA	Listed
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

**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

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**15.2. Chemical Safety Assessment**

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

<b>Section 16: OTHER INFORMATION</b>
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**Full text of R-phrases referred to under sections 2 and 3**

R12 - Extremely 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

**Classification Procedure**

Calculation method

**Issue Date:** 01-Sep-2012

**Revision Date:** 16-Jul-2014

**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**

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End of Safety Data Sheet