

## 1. Identification

### Product identifier

**Product Name** Universal Mold Release

### Other means of identification

**SDS #** 42612-MX

**Product Code** 42612

**Synonyms** Slide Universal  
Severely Hydrotreated Paraffinic White Oil

**Other Information** Formula: 42612

### Recommended use of the chemical and restrictions on use

**Recommended Use** Industrial mold release

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

#### **Manufacturer Address**

Slide Products Inc.  
430 Wheeling Road  
Wheeling, IL 60090  
Phone: 1-847-541-7220  
Fax: 1-847-541-7986

### Emergency telephone number

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

## 2. Hazard(s) identification

### Classification

Flammable aerosols	Category 2 -(H223)
Gases under pressure	Compressed gas -(H280)

### Label elements

#### Signal word

Warning

#### **Hazard statements**

H223 - Flammable aerosol  
H280 - Contains gas under pressure; may explode if heated



Flame  
Gas cylinder

#### Precautionary Statements - Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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

#### Precautionary Statements - Storage

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

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

#### Synonyms

Slide Pure Eze  
Severely Hydrotreated Paraffinic White Oil.

Chemical name	CAS No	Weight-%
Dimethyl ether	115-10-6	55-65
1,1 difluoroethane	75-37-6	30-40
Mineral Oil	8042-47-5	1-7

### 4. First-aid measures

#### Description of first aid measures

**Inhalation** Remove to fresh air.

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.

**Skin contact** Wash skin with soap and water.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

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

**Symptoms.** Inhalation symptoms include dizziness and headache. Nausea. Concentrated spray causes freezing of skin area. Direct contact with eyes causes temporary irritation.

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

**Note to physicians** Treat symptomatically.

### 5. Fire-fighting measures

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam.

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<b>Unsuitable extinguishing media</b>	Not determined.
<b>Specific hazards arising from the chemical</b>	Aerosols may rupture violently at temperatures above 120 F. Aerosol flame projection test: >18" extension at 70 F.
<b>Hazardous combustion products</b>	Hydrogen fluoride and other fluorine compounds.
<b>Explosion Data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective actions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### 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 cleaning up** Keep in suitable, closed containers for disposal.

**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** 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. Do not spray on floors.

### 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.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

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

**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Proper eye care is needed in all industrial operations.
<b>Skin and body protection</b>	Protective gloves are not required, but recommended.
<b>Respiratory protection</b>	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

<b>Physical state</b>	Aerosol
<b>Appearance</b>	Clear, oily, colorless liquid
<b>Color</b>	Colorless
<b>Odor</b>	No odor
<b>Odor Threshold</b>	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No data available	
<b>Melting point / freezing point</b>	< -29 °C / -20 °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 Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor Pressure</b>	Nil	
<b>Vapor Density</b>	Not available	
<b>Relative Density</b>	0.81	
<b>Water Solubility</b>	No data available	
<b>Solubility in other solvents</b>	No data available	
<b>Partition Coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No data available	
<b>Kinematic viscosity</b>	No data available	
<b>Dynamic Viscosity</b>	No data available	

**Other information**

<b>Oxidizing properties</b>	No data available
<b>Explosive properties</b>	No data available
<b>Molecular weight</b>	No data available
<b>Liquid Density</b>	Weight per gallon: 6.79
<b>Bulk density</b>	No data available

**10. Stability and reactivity**

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

<b>Conditions to Avoid</b>	High heat or open flames.
<b>Incompatible materials</b>	Powdered or alkaline earth metals.
<b>Hazardous decomposition products</b>	Hydrogen fluoride and other fluorine compounds.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Product Information</b>	.
<b>Inhalation</b>	Do not inhale.
<b>Eye contact</b>	Avoid contact with eyes.
<b>Skin contact</b>	Avoid contact with skin.
<b>Ingestion</b>	Do not ingest.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Acute toxicity

#### **Numerical measures of toxicity**

Not determined

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether 115-10-6	-	-	= 164000 ppm ( Rat ) 4 h
Mineral Oil 8042-47-5	> 5000 mg/kg ( Rat )	-	-

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

<b>Interactive effects</b>	Not classified.
<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Respiratory or skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.

<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>Other information</b>	Not classified.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Mineral Oil 8042-47-5	-	10000: 96 h Lepomis macrochirus mg/L LC50	-	-

**Persistence/Degradability** No data available.

**Bioaccumulation** No data available.

### Component Information

Chemical name	Partition coefficient
Dimethyl ether 115-10-6	-0.18
Mineral Oil 8042-47-5	>6

**Other Adverse Effects** No data available.

## 13. Disposal considerations

### Waste Treatment Methods

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

**Contaminated packaging** Do not reuse empty containers.

## 14. Transport information

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.

### MEX

<b>UN/ID No</b>	UN1950
<b>Proper Shipping Name</b>	Aerosols
<b>Hazard class</b>	2.1

**TDG**

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard class 2.1

**DOT**

UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard class 2.1

**IATA**

UN number UN1950  
 Proper Shipping Name Aerosols, flammable  
 Transport hazard class(es) 2.1

**IMDG**

UN number UN1950  
 Proper Shipping Name Aerosols  
 Transport hazard class(es) 2.1

## 15. Regulatory information

**REGULATORY INFORMATION****International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

**International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Dimethyl ether	X	X	X	X	X	X	X	X
1,1 difluoroethane	X	X	X	X	X	X	X	X
Mineral Oil	X	X	X	X	X	X	X	X

**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

**NFPA**

**Health hazards** Not  
determined

**Flammability** Not  
determined

**Instability** Not  
determined

**Physical and chemical  
properties** Not  
determined

**HMIS**

**Health hazards** Not  
determined

**Flammability** Not  
determined

**Physical hazards** Not  
determined

**Personal protection** Not  
determined

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**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

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**Revision Note:** New formulation

**NOM-018-STPS-2015**

The information is believed to be accurate, but it is not exhaustive and must be used only as guidance. It is based on the current state of knowledge of the chemical substance or mixture and is applicable to the appropriate safety precautions for the product.

**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**