Safety Data Sheet

Issue Date: 01-Sep-2012 **Revision Date:** 07-Sept-2018 **Version** 3

1. IDENTIFICATION

Product Identifier

Product Name Pure Eze Mold Release

Other means of identification

SDS # 45712N

Product Code 45712N
Synonyms Slide Pure Eze
Severely Hydrotreated Paraffinic White Oil.
UN/ID No UN1950
Other Information Formula: 53374.

Recommended use of the chemical and restrictions on use

Recommended Use Industrial mold release.

Details of the supplier of the safety data sheet

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

Emergency Telephone Number

Company Phone Number Phone: 1-847-541-7220
Fax: 1-847-541-7986
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, oily, colorless liquid **Physical State** Aerosol **Odor** No odor

Classification

Flammable Aerosols	Category 2
Gases Under Pressure	Compressed Gas

Signal Word
Warning

Hazard Statements
Flammable Aerosol
Contains gas under pressure; may explode if heated



Precautionary Statements - Prevention
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

Precautionary Statements - Storage
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Slide Pure Eze
Severely Hydrotreated Paraffinic White Oil.

Chemical Name	CAS No	Weight-%
Dimethyl ether	115-10-6	50-65
1,1 difluoroethane	75-37-6	30-50
Mineral Oil	8042-47-5	1-7

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

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.

Most important symptoms and effects

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.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Aerosols may rupture violently at temperatures above 120 F. >18 inch flame extension as determined by the aerosol flame projection test (paragraph 191.15).

Hazardous Combustion Products Hydrogen fluoride and other fluorine compounds.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required.
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 Clean-Up	Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

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.

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.
Incompatible Materials	Powdered or alkaline earth metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines Threshold Limit Value: 1000 ppm

Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Proper eye care is needed in all industrial operations.
Skin and Body Protection	Protective gloves are not required, but recommended.
Respiratory Protection	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Aerosol		
Appearance	Clear, oily, colorless liquid	**Odor**	No odor
Color	Colorless	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting Point/Freezing Point	< -29 °C / <-20 °F	
Boiling Point/Boiling Range	Not available	
Flash Point	Not applicable	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Flammable aerosol	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Nil	
Vapor Density	Not available	(Air=1)
Specific Gravity	0.81	(Water = 1)
Water Solubility	Nil	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Density	Weight per gallon: 6.79	

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
High heat or open flames.

Incompatible Materials
Powdered or alkaline earth metals.

Hazardous Decomposition Products
Hydrogen fluoride and other fluorine compounds.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Do not inhale.

Ingestion Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl ether 115-10-6	-	-	= 308.5 mg/L (Rat) 4 h
Mineral Oil 8042-47-5	> 5000 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity
Not determined

12. ECOLOGICAL INFORMATION

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

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
Not determined.

Bioaccumulation
Not determined.

Mobility

Chemical Name	Partition Coefficient
Dimethyl ether 115-10-6	-0.18
Mineral Oil 8042-47-5	6

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

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.

DOT (each not exceeding 1 L capacity)
- **UN/ID No** UN1950
- **Proper Shipping Name** Aerosols
- **Hazard Class** 2.1

IATA
- **UN/ID No** UN1950
- **Proper Shipping Name** Aerosols, flammable
- **Hazard Class** 2.1

IMDG
- **UN/ID No** UN1950
- **Proper Shipping Name** Aerosols
- **Hazard Class** 2.1

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Dimethyl ether	Present	X		Present		Present	X	Present	X	X
1,1 difluoroethane	Present	X		Present		Present	X	Present	X	X
Mineral Oil	Present	X		Present		Present	X	Present	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*

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dimethyl ether 115-10-6	X	X	X
1,1 difluoroethane 75-37-6	X	X	

16. OTHER INFORMATION

NFPA	**Health Hazards** Not determined	**Flammability** Not determined	**Instability** Not determined	**Special Hazards** Not determined
HMIS	**Health Hazards** 1	**Flammability** 3	**Physical Hazards** 0	**Personal Protection** B

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Revision Note: Regulatory update

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

TECHNICAL DATA SHEET



Pure Eze Release Aerosol
45712N

Product Description	Pure Eze is a white oil-based, food-approved release ideal for medical and food applications. Use Pure Eze with all thermoplastic resins, polyolefins, polycarbonates, rubber and some epoxies. It is colorless, odorless, tasteless and will not change color over time.
Applications	Mold Release
Unit Package Description	16 ounce aerosol
Generic Description	Paintable Mold Release
Net Weight Fill	11.5 net ounces
UPC Code	858799000578
Units Per Case	12
Case Weight (lbs)	13
Appearance	Clear Oily Colorless Liquid
Flash Point F	Not Determined
Flash Point C	Not Determined
Base Type	White Oil
Evaporation Rate	Fast
Working Temperature F	32 to 600 degrees
Working Temperature C	0 to 315 degrees
Propellant	DME/152A
NFPA Aerosol Flammability Level	1
DOT Proper Shipping Name	UN 1950, Aerosols, Flammable, 2.1, Limited Quantity
VOC % (Federal)	60
VOC g/L (Federal)	438.21
VOC lbs./Gal (Federal)	3.65
Removal	Remove with organic or hydrocarbon solvents
Independent Certifications	UL recognized
Food Safety Citation (CFR)	21CFR 172.878 and 178.3620 (a)