



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

1.1. Product identifier 42612

Product Identity Universal Mold Release

Alternate Names Universal 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
1-800-323-6433
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.
STOT SE 3;H336	May cause drowsiness or dizziness.

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.

H336 May cause drowsiness and dizziness.

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 EC No. 204-065-8 Index No.: 603-019-00-8 REACH #: 01-2119472128-37	50 - 65	Flam. Gas 1;H220 Press. Gas;H280	U ^{^CLP 3.1}
1,1-Difluoroethane CAS Number: 75-37-6 EC No. 200-866-1	30 - 50	Flam. Gas 1;H220 Liquified Gas;H280 STOT SE 3;H336 Simple Asphyxiant	
White mineral oil (petroleum) CAS Number: 8042-47-5 EC No. 232-455-8	1 - 7	Not Classified	

^{^CLP 3.1}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, CO₂, 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	1085.98 mg/m ³
		National	No Established Limit
115-10-6	Dimethyl ether	ACGIH	TWA: 1000 ppm
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	1894 mg/m ³
		National	No Established Limit
8042-47-5	White mineral oil (petroleum)	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	164.56 mg/m ³
		National	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³OSHA PEL and 5 mg/m³ACGIH.

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.

See section 2 for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Pressurized aerosol dispensed as a mist.
Color	Colorless
Odor	No odor
Melting point / freezing point	< -29 °C / <-20 °F
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	Gas
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	Not applicable
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	No available information
Relative Density	weight per gallon: 6.79
Vapor Density	No available information
Evaporation rate (Ether = 1)	No available information
Oxidising properties	No available information
Explosive properties	No available information
Specific Gravity	0.81

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
Universal Mold Release

SDS Revision Date: 26/July/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.
White mineral oil (petroleum) - (8042-47-5)	> 5,000.00, Rat - Category: NA	No data available.	No data available.	No data available.	No data available.

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
White mineral oil (petroleum) - (8042-47-5)	>100.00, Oncorhynchus mykiss	>100.00, Daphnia magna	>100.00, Pseudokirchneriella subcapitata	---	34.82

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.

	ADR/RID	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1950	UN1950	UN1950
14.2. UN proper shipping name	Aerosols	Aerosols, Flammable, (each not exceeding 1 L capacity)	Aerosols, Flammable, (each not exceeding 1 L capacity)
14.3. Transport hazard class(es)	DOT Hazard Class: 2.1 Sub Class: Not Applicable	IMDG: 2.1 Sub Class: Not Applicable	Air class: 2.1 Sub Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable

14.5. Environmental hazards

Marine Pollutant: No;

14.6. Special precautions for user

No available information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

None noted.

SVHC Ingredient: Not Applicable

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:

1,1-Difluoroethane (Use restricted. See item 40.)

Dimethyl ether (Use restricted. See item 40.)

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

Section 16. Other information

SDS Revision Date 26/July/2024

<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
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<u>HMIS</u>	Health Hazards 1	Flammability 3	Physical Hazards 0	Personal Protection B
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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.

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
	Calculation method

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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