



1. Identification

Product identifier	41012N-CA
Product Identity	Slide Zinc Stearate MR
Other means of identification	Slide Zinc Stearate MR, Zinc Stearate Powder Dispersion

Relevant identified uses of the substance or mixture and uses advised against

Industrial Mold Release

Details of the supplier of the safety data sheet

Company Name	Slide Products Inc. 430 Wheeling Road Wheeling, IL 60090
Initial Supplier Address	THIS SAFETY DATA SHEET IS NOT COMPLIANT UNLESS CANADIAN ADDRESS IS USED PLEASE CONTACT A CANADIAN SLIDE DISTRIBUTOR FOR THE FULLY COMPLIANT SDS FILE
Emergency	
24 hour Emergency Telephone No.	Emergency Telephone INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)
Customer Service:	Phone: 1-847-541-7220 Fax: 1-847-541-7986

2. Hazard(s) identification

Classification of the substance or mixture

Extremely flammable gas.
Contains gas under pressure; may explode if heated.
May cause drowsiness or dizziness.
May displace oxygen and cause rapid suffocation.

Label elements**Danger**

Extremely flammable gas.
Contains gas under pressure; may explode if heated.
May cause drowsiness and dizziness.
May displace oxygen and cause rapid suffocation.

[Prevention]:

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
Keep container tightly closed.
Avoid breathing dust, fume, gas, mist, vapours, spray.
Use only outdoors or in a well-ventilated area.

[Response]:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER, doctor or physician if you feel unwell.
Leaking gas fire - do not extinguish unless leak can be stopped safely.
Eliminate all ignition sources if safe to do so.

[Storage]:

Store in a well ventilated place. Keep container tightly closed.
Store in a well ventilated place. Keep cool.
Store locked up.
Protect from sunlight. Store in a well ventilated place.

[Disposal]:

Dispose of contents or container in accordance with local and national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Dimethyl ether CAS Number: 0000115-10-6 Synonyms: Methane, oxybis-	45 - 70	Flam. Gas 1;H220	----
1,1-Difluoroethane CAS Number: 0000075-37-6 Synonyms: 1,1-difluoroethane (HFC-152A)	30 - 60	Flam. Gas 1;H220 Liquified Gas;H280 STOT SE 3;H336 Simple Asphyxiant	----
Isopropyl Alcohol CAS Number: 0000067-63-0 Synonyms: Solvent C-3, ISOPROPANOL, ISOPROPYL ALCOHOL (manufacture-strong acid process, Propan-2-ol)	3 - 7	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	----
0091051-01-3 CAS Number: 0091051-01-3 Synonyms: 0091051-01-3	3 - 7		----

The actual concentration or concentration range is withheld as a trade secret.

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

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

Section 4. First aid measures

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.

Eyes 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.

Most important symptoms and effects, both acute and delayed

Overview Treat symptomatically. Exposure to solvent vapour 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.

Inhalation May cause drowsiness or dizziness.

Section 5. Fire-fighting measures**Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.
Keep away from heat, sparks, open flames, and other ignition sources - No smoking.
Keep container tightly closed.
Avoid breathing dust, fume, gas, mist, vapours, spray.

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.

Section 6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapours. 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.

Section 7. Handling and storage**Precautions for safe handling**

Handle containers carefully to prevent damage and spillage.
See section 2 for further details. - [Prevention]:

Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information
See section 2 for further details. - [Storage]:

Specific end use(s)

No available information



Section 8. Exposure controls / personal protection

Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	ACGIH	TWA: 200 ppm STEL: 400 ppm
Alberta	200 ppm TWA; 492 mg/m ³ TWA 400 ppm STEL; 984 mg/m ³ STEL		
British Columbia	200 ppm TWA 400 ppm STEL		
Manitoba	200 ppm TWA 400 ppm STEL		
New Brunswick	400 ppm TWA; 983 mg/m ³ TWA 500 ppm STEL; 1230 mg/m ³ STEL		
Newfoundland and Labrador	200 ppm TWA 400 ppm STEL		
Nova Scotia	200 ppm TWA 400 ppm STEL		
Northwest Territories	200 ppm TWA 400 ppm STEL		
Nunavut	200 ppm TWA 400 ppm STEL		
Ontario	200 ppm TWA 400 ppm STEL		
Prince Edward Island	200 ppm TWA 400 ppm STEL		
Quebec	400 ppm TWAEV; 985 mg/m ³ TWAEV 500 ppm STEV; 1230 mg/m ³ STEV		
Saskatchewan	200 ppm TWA 400 ppm STEL		
Yukon	400 ppm TWA; 980 mg/m ³ TWA 500 ppm STEL; 1225 mg/m ³ STEL		
0000075-37-6	1,1-Difluoroethane	ACGIH	No Established Limit
Alberta	No Established Limit		
British Columbia	No Established Limit		
Manitoba	No Established Limit		
New Brunswick	No Established Limit		
Newfoundland and Labrador	No Established Limit		
Nova Scotia	No Established Limit		
Northwest Territories	No Established Limit		



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CAS No.	Ingredient	Source	Value
Nunavut	No Established Limit		
Ontario	No Established Limit		
Prince Edward Island	No Established Limit		
Quebec	No Established Limit		
Saskatchewan	No Established Limit		
Yukon	No Established Limit		
0000115-10-6	Dimethyl ether	ACGIH	TWA: 1000 ppm
Alberta	No Established Limit		
British Columbia	1000 ppm TWA		
Manitoba	No Established Limit		
New Brunswick	No Established Limit		
Newfoundland and Labrador	No Established Limit		
Nova Scotia	No Established Limit		
Northwest Territories	No Established Limit		
Nunavut	No Established Limit		
Ontario	No Established Limit		
Prince Edward Island	No Established Limit		
Quebec	No Established Limit		
Saskatchewan	No Established Limit		
Yukon	No Established Limit		
0091051-01-3	0091051-01-3	ACGIH	No Established Limit
Alberta	No Established Limit		
British Columbia	No Established Limit		
Manitoba	No Established Limit		
New Brunswick	No Established Limit		
Newfoundland and Labrador	No Established Limit		
Nova Scotia	No Established Limit		



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CAS No.	Ingredient	Source	Value
Northwest Territories	No Established Limit		
Nunavut	No Established Limit		
Ontario	No Established Limit		
Prince Edward Island	No Established Limit		
Quebec	No Established Limit		
Saskatchewan	No Established Limit		
Yukon	No Established Limit		

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 vapour 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

Appearance	water white Pressurized aerosol dispensed as a mist.
Odour	Slight ether
Odour threshold	No available information
pH	No available information
Melting point / freezing point	< -17.5 °C / <0.5 °F
Initial boiling point and boiling range	No available information
Flash Point	Not applicable
Evaporation rate (Ether = 1)	2.3 minutes
Flammability (solid, gas)	Gas
Upper/lower flammability or explosive limits	Lower Explosive Limit: 2.0 % Upper Explosive Limit: 25.0%
Vapour pressure (Pa)	6 mm Hg @ 70° F
Vapour Density	No available information
Relative Density	6.79 Weight per gallon
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	No available information
Auto-ignition temperature	No available information
Decomposition temperature	No available information
Viscosity (cSt)	No available information
Oxidising properties	No available information
Explosive properties	No available information
Specific Gravity	0.81 (Water = 1)
Other information	No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No available information

Conditions to avoid

Avoid high temperatures and contact with incompatible material

Incompatible materials

No available information

Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Exposure to solvent vapour 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).

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
Dimethyl ether - (115-10-6)	{calcoral}	{CalcDerm}	{CalclnhV}	{CalclnhDM}	{CalclnhG}



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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)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
Isopropyl Alcohol - (67-63-0)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}
0091051-01-3 - (91051-01-3)	{calcoral}	{CalcDerm}	{CalcInhV}	{CalcInhDM}	{CalcInhG}

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000067-63-0 ACGIH	Isopropyl Alcohol A4	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000075-37-6 ACGIH	1,1-Difluoroethane No Established Limit	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000115-10-6 ACGIH	Dimethyl ether No Established Limit	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0091051-01-3 ACGIH	0091051-01-3 No Established Limit	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Symptoms and effects, both acute and delayed::

Treat symptomatically.

Inhalation May cause drowsiness or dizziness.

Section 12. Ecological information

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
Dimethyl ether - (115-10-6)	{CalcFish}	{CalcCrust}	{CalcAlgae}
1,1-Difluoroethane - (75-37-6)	{CalcFish}	{CalcCrust}	{CalcAlgae}
Isopropyl Alcohol - (67-63-0)	{CalcFish}	{CalcCrust}	{CalcAlgae}
0091051-01-3 - (91051-01-3)	{CalcFish}	{CalcCrust}	{CalcAlgae}

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial 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.

Classification Method: Classified as per Part 2, Sections 2.1 - 2.8 of the Transportation of Dangerous Goods Regulations.

	TDG (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN1950	UN1950	UN1950
UN proper shipping name	Aerosols	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	TDG Hazard Class: 2.1 Sub Class: Not Applicable	IMDG: 2.1 Sub Class: Not Applicable	Air Class: 2.1 Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable

Environmental hazards

Marine Pollutant: No;

Special precautions for user

No available information

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17) and the SDS contains all of the information required by those regulations.

NFPA

Health Hazards

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

Canadian Domestic Substance List (DSL):

1,1-Difluoroethane

Dimethyl ether

Isopropyl Alcohol

Canadian Non-Domestic Substance List (NDSL):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Section 16. Other information

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

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. 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.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

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