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Section 1. Identification

Product identifier 44212

Product IdentitySlide On/Cycle Mold CleanerOther means of identificationSlide On/Cycle Mold Cleaner

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

Industrial Mold Cleaner

Details of the supplier of the safety data sheet

Company Name Slide Products Inc.

430 Wheeling Road Wheeling, IL 60090

Emergency

24 hour Emergency Telephone

Emergency Telephone INFOTRAC 1-352-323-3500

No.

(International)

1-800-535-5053 (North America)

Customer Service: Phone: 1-847-541-7220

Fax: 1-847-541-7986

Section 2. Hazard(s) identification

Classification of the substance or mixture

Flam. Gas 1;H220 Extremely flammable gas.

Press. Gas; H280 Contains gas under pressure; may explode if heated.

Skin Irrit. 2;H315 Causes skin irritation.

Eye Irrit. 2;H319 Causes serious eye irritation.

Skin Sens. 1;H317 May cause an allergic skin reaction. {PCField5d} May cause drowsiness or dizziness.

Aquatic Acute 1;H400 Very toxic to aquatic life.

Aquatic Chronic 1;H410 Very toxic to aquatic life with long lasting effects.



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Label elements









Danger

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

[Prevention]:

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P260 Do not breathe dust, fume, mist, vapours or spray.

P261 Avoid breathing dust, fume, gas, mist, vapours, spray.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, eye protection, and face protection.

[Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER, doctor or physician if you feel unwell.

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P337+313 If eye irritation persists: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

P377 Leaking gas fire - do not extinguish unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P391 Collect spillage.



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P405 Store locked up.

P410+403 Protect from sunlight. Store in a well ventilated place.

P403+233 Store in a well ventilated place. Keep container tightly closed.

[Disposal]:

[Storage]:

P501 Dispose of contents or container in accordance with local and national regulations.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the NOM-018-STPS-2015 Regulation.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes	
Citrus Terpenes	30 - 40	Flam. Liq. 3;H226		
CAS Number: 5989-27-5		Skin Irrit. 2;H315		
		Skin Sens. 1;H317		
		Aquatic Acute 1;H400		
		Aquatic Chronic 1;H410		
		Asp. Tox. 1;H304		
Hydrocarbon Solvent	22 - 32	Asp. Tox. 1;H304		
CAS Number: 64742-48-9				
Isopropyl Alcohol	25 - 30	Flam. Liq. 2;H225		
CAS Number: 67-63-0		Eye Irrit. 2;H319		
		STOT SE 3;H336		
Petroleum gases, liquefied	8 - 18	Press. Gas;H280		
CAS Number: 68476-86-8		Flam. Gas 1;H220		

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

^{*}PBT/vPvB - PBT, vPvM or vPvB-substance.

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



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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 POTENTIAL HEALTH EFFECTS

Eye Contact: May cause tearing, stinging, redness, irritation, and burns.

Inhalation: Irritating to respiratory tract. Prolonged or repeated breathing of very high vapour concentrations cause euphoria, excitation, and dizziness, headaches, nausea, and vomiting, abdominal pain, fatigue, muscular weakness. Aspiration into the lungs can cause CNS (central nervous system) and subsequent aspiration into the lungs can cause pulmonary edema and chemical pneumonia depression. Chronic overexposure in high concentrations may produce CNS depression.

Ingestion: Irritation of the mouth, esophagus, and stomach can develop following ingestion. Symptoms include burning of the mouth, sore throat, vomiting, nausea, dizziness, loss of consciousness. Due to its light viscosity, there is danger of aspiration into the lungs during vomiting. Aspiration can result in severe lung damage or death.

Skin Contact: Prolonged or repeated skin contact may cause moderate to severe irritation including itching and redness of the skin, defatting, and/or dermatitis. This product can also be absorbed through the skin and produce CNS symptoms. Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.



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Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, drying and cracking of skin, dizziness, fatigue, headache, unconsciousness or asphyxiation. Chronic effects of ingestion and subsequent aspiration into the lungs can cause pneumatocele (lung cavity) formation and chronic lung dysfunction. Repeated breathing of vapours can cause effects to liver and kidneys.

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.

Eyes Causes serious eye irritation.

Skin May cause an allergic skin reaction. Causes skin irritation.



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Section 5. Fire-fighting measures

Extinguishing media

Use dry chemicals, carbon dioxide foam, water fog, or inert gas (nitrogen) for small fires. For large fires use foam, water fog, or water spray. Water fog and spray are effective in cooling containers and adjacent structures but might cause frothing and/or not achieve extinguishment. A water jet may be used to cool the container's external walls to prevent pressure build-up, auto ignition, or explosion. NEVER use a water jet directly on the fire. Product will float and can be re-ignited on surface of water.

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.

Do not breathe dust, fume, mist, vapours or spray.

Avoid breathing dust, fume, gas, mist, vapours, spray.

Do not get in eyes, on skin, or on clothing.

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.

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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. Eliminate ignition sources. Soak up with noncombustible absorbent material. Remove absorbent material for proper disposal.

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: Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

Other Precautions: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse containers. Empty containers may contain material residues which can ignite with explosive force. Cutting or welding of empty containers can cause fire, explosion, or release fumes from residues. Keep containers closed and drum bungs in place. Dispose of in a licensed facility.

See section 2 for further details. - [Storage]:

Specific end use(s)

No available information



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Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	ACGIH	200 ppm 400 ppm
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	200 ppm TWA VLE-PPT 400 ppm STEL [PPT-CT]
5989-27-5	Citrus Terpenes	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
64742-48-9	Hydrocarbon Solvent	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
68476-86-8	Petroleum gases, liquefied	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	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. Wear nitrile or similar chemical resistant gloves to keep

skin contact to a minimum.

Refer to the manufacturer's recommendations regarding the suitability of

any gloves used.

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 vanous below occupational exposure limits suitable respiratory protection.

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.



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Section 9. Physical and chemical properties

Appearance Clear Pressurized aerosol dispensed as a mist.

Odour Sweet

Odour threshold No available information PH No available information

Melting point / freezing point -96.7 °C / -142 °F
Initial boiling point and boiling range 177.8 °C / 352 °F
Flash Point Not available

Evapouration rate (Ether = 1) Slow

Flammability (solid, gas)

Upper/lower flammability or explosive limits

Lower Explosive Limit: 1

Upper Explosive Limit: 10

Vapour pressure (Pa) 1 mmHg @ 20 C

Vapour Density 4.7 Relative Density 0.841

Solubility in Water

Partition coefficient n-octanol/water (Log Kow)

Auto-ignition temperature

Decomposition temperature

Viscosity (cSt)

Slightly soluble in water

No available information

No available information

No available information

VOC Content 100%

Oxidising propertiesNo available informationExplosive propertiesNo available information

Other information

No other relevant information.



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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

Excessive heat and open flame.

Incompatible materials

Strong acids, alkalis, and oxidizers such as liquid chlorine, halogens, hydrogen peroxide, oxygen.

Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

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).



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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
Citrus Terpenes - (5989-27-5)	>2,000.00, Rat - Category: 5	> 5,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Hydrocarbon Solvent - (64742-48-9)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available.	No data available.	No data available.
Isopropyl Alcohol - (67-63-0)	5,840.00, Rat - Category: NA	16,400.00, Rabbit - Category: NA	72.60, Rat - Category: NA	No data available.	No data available.
Petroleum gases, liquefied - (68476-86-8)	No data available.	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
67-63-0	Isopropyl Alcohol	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
		ACGIH	A4
5989-27-5	Citrus Terpenes	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
		ACGIH	No Established Limit
64742-48-9	Hydrocarbon Solvent	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
68476-86-8 Petroleum gases, liquefied		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)		Not Applicable
Acute toxicity (dermal)		Not Applicable
Acute toxicity (inhalation)		Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization		Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity		Not Applicable
Carcinogenicity		Not Applicable
Reproductive toxicity		Not Applicable
STOT-single exposure		Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-repeated exposure		Not Applicable
Aspiration hazard		Not Applicable



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Possible routes of entry: No available information

Symptoms and effects, both acute and delayed:

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause tearing, stinging, redness, irritation, and burns.

Inhalation: Irritating to respiratory tract. Prolonged or repeated breathing of very high vapour concentrations cause euphoria, excitation, and dizziness, headaches, nausea, and vomiting, abdominal pain, fatigue, muscular weakness. Aspiration into the lungs can cause CNS (central nervous system) and subsequent aspiration into the lungs can cause pulmonary edema and chemical pneumonia depression. Chronic overexposure in high concentrations may produce CNS depression.

Ingestion: Irritation of the mouth, esophagus, and stomach can develop following ingestion. Symptoms include burning of the mouth, sore throat, vomiting, nausea, dizziness, loss of consciousness. Due to its light viscosity, there is danger of aspiration into the lungs during vomiting. Aspiration can result in severe lung damage or death.

Skin Contact: Prolonged or repeated skin contact may cause moderate to severe irritation including itching and redness of the skin, defatting, and/or dermatitis. This product can also be absorbed through the skin and produce CNS symptoms. Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts.

Signs And Symptoms Of Exposure: Eye irritation, respiratory irritation, drying and cracking of skin, dizziness, fatigue, headache, unconsciousness or asphyxiation. Chronic effects of ingestion and subsequent aspiration into the lungs can cause pneumatocele (lung cavity) formation and chronic lung dysfunction. Repeated breathing of vapours can cause effects to liver and kidneys. Treat symptomatically.

Inhalation May cause drowsiness or dizziness.

Eyes Causes serious eye irritation.

Skin May cause an allergic skin reaction. Causes skin irritation.



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Section 12. Ecological information

Toxicity

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

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
Citrus Terpenes - (5989-27-5)	0.72, Pimephales promelas	0.31, Daphnia magna	0.32, Pseudokirchneriella subcapitata
Hydrocarbon Solvent - (64742-48-9)	18.00, Oncorhynchus mykiss	4.50, Daphnia magna	3.10, Pseudokirchneriella subcapitata
Isopropyl Alcohol - (67-63-0)	10,000.00, Pimephales promelas	No data available.	No data available.
Petroleum gases, liquefied - (68476-86-8)	No data available.	No data available.	No data available.

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/vPvM 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.



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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.

	SCT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN1950	UN1950	UN1950
UN proper	Aerosols	Aerosols, flammable (each not	Aerosols,
shipping name		exceeding 1 L capacity)	flammable
Transport hazard	l Class:2.1	Class:2.1	Class:2.1
class(es)	Sub Class:Not Applicable	Sub Class:Not Applicable	Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable	Not Applicable

Environmental hazards

IMDG Marine Pollutant: Yes; (Citrus Terpenes)

Special precautions for user

No available information

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria of NOM-018-STPS-2015 and the SDS contains the information required by those regulations.

Mexico - National Inventory of Chemical Substances (INSQ):

Citrus Terpenes Hydrocarbon Solvent Isopropyl Alcohol Petroleum gases, liquefied



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Section 16. Other information

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<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards 0	Personal Protection 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.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness and dizziness.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

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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