



# SAFETY DATA SHEET

Issue Date 01-Sep-2012

Revision Date 29-Nov-2012

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Slide Mold Cleaner Plus Degreaser 4

### Other means of identification

**SDS #** 46910

**UN/ID No** UN1950  
**Product Code** 46910  
**Synonyms** Mixture, heptane  
Mold Cleaner  
**Other Information** Formula: 60224.

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

**Recommended Use** Mold Cleaner.

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

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable Aerosols	Category 2

### Signal word

**Danger**

### **Hazard statements**

Causes skin irritation  
Causes severe eye irritation  
May cause respiratory irritation. May cause drowsiness or dizziness  
May be fatal if swallowed and enters airways  
Flammable aerosol  
Pressurized container: May burst if heated



**Appearance** Clear liquid in an aerosol

**Physical state** Aerosol

#### Precautionary Statements - Prevention

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 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 - Response

IF exposed or concerned: Get medical advice/attention  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting

#### Precautionary Statements - Storage

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

May be harmful if swallowed  
 May be harmful in contact with skin

#### Other Information

Not Applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Synonyms

Mixture, heptane  
 Mold Cleaner.

#### Chemical Family

Aliphatic hydrocarbon.

Chemical Name	CAS No	Weight-%	Trade Secret
Propane	74-98-6	30-40	*
Isopropyl alcohol	67-63-0	30-40	*
Heptane	142-82-5	30-40	*

## 4. FIRST AID MEASURES

### First aid measures

<b>General advice</b>	If exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Drink plenty of water or milk immediately.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention.

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

<b>Symptoms</b>	Irritating to mouth, throat, and stomach if ingested. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Skin contact can lead to drying, defatting, itching, stinging and irritation. May cause allergic skin reaction. Exposed individuals may experience eye tearing, redness and discomfort.
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### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Water spray (fog).

**Unsuitable Extinguishing Media** Not determined.

### Specific hazards arising from the chemical

Extremely flammable. Aerosol flame projection test: >18" extension at 70 F. Aerosols may rupture violently at temperatures above 120 F. Vapors may form explosive mixtures with air.

**Hazardous combustion products** Carbon oxides.

### 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

<b>Personal precautions</b>	Use personal protective equipment as required.
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**Methods and material for containment and cleaning up**

**Methods for containment** Remove leaking container to outside disposal site.

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

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wash thoroughly after handling. Avoid breathing vapors or mists. Use only in well-ventilated areas. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray near open flame. Pressurized container: Do not pierce or burn, even after use. Do not drop. Remove all sources of ignition.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Protect from direct sunlight. Do not store at temperatures above 120 F. Keep away from heat.

**Incompatible materials** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Heptane 142-82-5	STEL: 500 ppm TWA: 400 ppm	TWA: 500 ppm TWA: 2000 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 1600 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 2000 mg/m <sup>3</sup>	IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 85 ppm TWA: 350 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas.

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

**Eye/face protection** Safety glasses should always be worn in an industrial operation.

**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

<b>Physical state</b>	Aerosol	<b>Odor</b>	Not determined
<b>Appearance</b>	Clear liquid in an aerosol	<b>Odor threshold</b>	Not determined
<b>Color</b>	clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting point/freezing point</b>	Not determined	
<b>Boiling point/boiling range</b>	70.6 °C / 159 °F	
<b>Flash point</b>	Not determined	
<b>Evaporation rate</b>	Faster than ether	
<b>Flammability (solid, gas)</b>	Not determined	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limits</b>	7.5	
<b>Lower flammability limit</b>	1.2	
<b>Vapor pressure</b>	137 mmHg	@ 20 C
<b>Vapor density</b>	Heavier than air	
<b>Specific Gravity</b>	0.6587	
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not determined	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive properties</b>	Not determined	
<b>Oxidizing properties</b>	Not determined	

### Other Information

VOC Content (%)                      100%

## 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.

### Conditions to avoid

Do not puncture or incinerate cans. Avoid temperatures above 120 °F.

### Incompatible materials

None known.

### Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye contact</b>	Causes severe eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May be harmful in contact with skin.
<b>Ingestion</b>	May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Heptane 142-82-5	-	3000 mg/kg ( Rabbit )	103 g/m <sup>3</sup> ( Rat ) 4 h
Isopropyl alcohol 67-63-0	4396 mg/kg ( Rat )	12800 mg/kg ( Rat ) 12870 mg/kg ( Rabbit )	72.6 mg/L ( Rat ) 4 h
Propane 74-98-6	-	-	658 mg/L ( Rat ) 4 h

**Information on physical, chemical and toxicological effects**

<b>Symptoms</b>	Irritating to mouth, throat, and stomach if ingested. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause allergic skin reaction. Exposed individuals may experience eye tearing, redness and discomfort.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Carcinogenicity</b>	Isopropyl Alcohol (IPA) is an IARC Monograph Group 3 chemical. IPA is a Group 1 when manufactured by the strong-acid process. Group 3 IARC components are "not classifiable as human carcinogens".
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Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0		Group 1 Group 3		X

**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity- Product**

Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	4394 mg/kg
<b>ATEmix (dermal)</b>	2727 mg/kg
<b>ATEmix (inhalation-gas)</b>	25000 mg/l
<b>ATEmix (inhalation-dust/mist)</b>	121.2 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal Contains no ozone depleting chemicals.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Heptane 142-82-5		375.0: 96 h Cichlid fish mg/L LC50		>10: 24 h Daphnia magna mg/L EC50
Isopropyl alcohol 67-63-0	>1000: 72 h Desmodesmus subspicatus mg/L EC50 >1000: 96 h Desmodesmus subspicatus mg/L EC50	11130: 96 h Pimephales promelas mg/L LC50 static 9640: 96 h Pimephales promelas mg/L LC50 flow-through >1400000: 96 h Lepomis macrochirus µg/L LC50		13299: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

Chemical Name	Partition coefficient
Propane 74-98-6	2.3
Isopropyl alcohol 67-63-0	0.05
Heptane 142-82-5	4.66

**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**

Empty fully, including gas pressure. Do not puncture or incinerate cans. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with federal, state and local regulations.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol 67-63-0	Toxic Ignitable
Heptane 142-82-5	Toxic Ignitable

### 14. TRANSPORT INFORMATION

**Note**

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**

**TSCA** Listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - 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*

**US Federal Regulations**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl alcohol - 67-63-0	67-63-0	30-40	1.0

**SARA 311/312 Hazard Categories****US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Heptane 142-82-5	X	X	X
Isopropyl alcohol 67-63-0	X	X	X
Propane 74-98-6	X	X	X

**U.S. EPA Label Information**

## 16. OTHER INFORMATION

**NFPA****Health hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health hazards**

1

**Flammability**

4

**Physical hazards**

0

**Personal protection**

B

**Issue Date**

01-Sep-2012

**Revision Date**

29-Nov-2012

**Revision Note**



new format

**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**