

## 1. IDENTIFICATION

**Product Identifier****Product Name** Slide P.D.Q. Purging Compound**Other means of identification****SDS #** 43432**Product Code** 43432/43408/43401**Recommended use of the chemical and restrictions on use****Recommended Use** Industrial purging compound.**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** Pale, straw-colored creamy emulsion**Physical State** Liquid**Odor** Mild**Classification**

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

**Signal Word****Danger****Hazard Statements**Harmful if swallowed  
Causes skin irritation  
Causes serious eye damage

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a poison center or doctor/physician  
 IF ON SKIN: Wash with plenty of soap and water  
 Take off contaminated clothing and wash it before reuse  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-70
Quartz	14808-60-7	18-28
Oleic Acid	112-80-1	5-10
Morpholine	110-91-8	<5

\*\*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**

<b>General Advice</b>	When symptoms persist or in all cases of doubt seek medical advice.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
<b>Skin Contact</b>	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician if you feel unwell.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison center or doctor/physician if you feel unwell.

**Most important symptoms and effects**

<b>Symptoms</b>	Aspiration hazard: if swallowed can enter lungs and cause damage. Overexposure by inhalation may cause CNS depression- drowsiness, dizziness, confusion or loss of coordination. May cause irritation to the mucous membranes and upper respiratory tract.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO2). Foam. Water spray (fog).

**Unsuitable Extinguishing Media** None known.

### **Specific Hazards Arising from the Chemical**

Combustion products may be toxic. Closed containers may explode due to buildup of pressure when exposed to extreme heat.

**Hazardous Combustion Products** Carbon oxides. Nitrogen oxides (NOx). Ammonia.

### **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. Move containers from fire area if you can do it without risk. Cool containers exposed to fire with water. Do not release runoff from fire control methods to sewers or waterways.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Ventilate affected area. Remove all sources of ignition. Refer to protective measures listed in sections 7 and 8.

**Environmental Precautions** Do not allow material to contaminate ground water system. Prevent product from entering drains. See Section 12 for additional Ecological Information.

### **Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. For waste disposal, see section 13 of the SDS.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

**Advice on Safe Handling** Use personal protection recommended in Section 8. Wash thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Empty containers may contain flammable vapors/residue.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Inspect containers periodically for defects. Protect container from physical damage. Keep from freezing.

**Incompatible Materials** Oxidizing agents. Reducing agents. Acids.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable fraction	(vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Morpholine 110-91-8	TWA: 20 ppm S*	TWA: 20 ppm TWA: 70 mg/m <sup>3</sup> (vacated) TWA: 20 ppm (vacated) TWA: 70 mg/m <sup>3</sup> (vacated) STEL: 30 ppm (vacated) STEL: 105 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 1400 ppm TWA: 20 ppm TWA: 70 mg/m <sup>3</sup> STEL: 30 ppm STEL: 105 mg/m <sup>3</sup>

**Appropriate engineering controls****Engineering Controls**

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 solvent vapor below the OEL, suitable respiratory protection must be worn. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Wear eye/face protection. Goggles.

**Skin and Body Protection**

Wear suitable gloves. Suitable protective clothing.

**Respiratory Protection**

Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded.

**General Hygiene Considerations** Do not breathe vapors or spray mist. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Pale, straw-colored creamy emulsion	<b>Odor Threshold</b>	No information available
<b>Color</b>	Pale straw		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	No information available		
<b>Melting Point/Freezing Point</b>	0 °C / 32 °F		
<b>Boiling Point/Boiling Range</b>	100 °C / 212 °F		
<b>Flash Point</b>	No information available		
<b>Evaporation Rate</b>	1		(butyl acetate = 1)
<b>Flammability (Solid, Gas)</b>	n/a-liquid		
<b>Upper Flammability Limits</b>	No information available		
<b>Lower Flammability Limit</b>	No information available		
<b>Vapor Pressure</b>	17 mm Hg		@ 21 °C (70 °F)
<b>Vapor Density</b>	0.6		
<b>Specific Gravity</b>	1.13		
<b>Water Solubility</b>	Completely soluble		
<b>Solubility in other solvents</b>	No information available		
<b>Partition Coefficient</b>	No information available		
<b>Auto-ignition Temperature</b>	No information available		
<b>Decomposition Temperature</b>	No information available		
<b>Kinematic Viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	No information available		
<b>Explosive Properties</b>	Not an explosive		
<b>Oxidizing Properties</b>	None known		
<b>VOC Content</b>	No information available		

## 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

Avoid contact with direct heat.

### Incompatible Materials

Oxidizing agents. Reducing agents. Acids.

### Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx). Ammonia.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                      Causes serious eye damage.

**Skin Contact**                    Causes skin irritation.

**Inhalation**                        Do not inhale.

**Ingestion**                        Harmful if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	= 500 mg/kg ( Rat )	-	-
Oleic Acid 112-80-1	= 25 g/kg ( Rat )	-	-
Morpholine 110-91-8	= 1050 mg/kg ( Rat )	= 310 mg/kg ( Rabbit )	-

### 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**

Silica (quartz) is a possible carcinogen when it appears as a respirable dust.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X
Morpholine 110-91-8		Group 3		

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Numerical measures of toxicity**

Not determined

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

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

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Oleic Acid 112-80-1		205: 96 h Pimephales promelas mg/L LC50 static		
Morpholine 110-91-8	28: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	350: 96 h Lepomis macrochirus mg/L LC50 static 375 - 460: 96 h Oncorhynchus mykiss mg/L LC50 1000: 96 h Brachydanio rerio mg/L LC50 static	EC50 = 57.0 mg/L 30 min	100: 24 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Chemical Name	Partition Coefficient
Morpholine 110-91-8	-2.55

**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** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

#### 15. REGULATORY INFORMATION

##### International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Water	Present	X		Present			X	Present	X	X
Quartz	Present	X		Present		Present	X	Present	X	X
Oleic Acid	Present	X		Present		Present	X	Present	X	X
Morpholine	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 contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Quartz - 14808-60-7	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Quartz 14808-60-7	X	X	X
Oleic Acid 112-80-1			X
Morpholine 110-91-8	X	X	X

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical Hazards**

Not determined

**Personal Protection**

Not determined

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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**