

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

SDS # 43432-EU
Product Code 43432/43408/43401
Product Name Slide P.D.Q. Purging Compound

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Industrial purging compound

1.3. Details of the Supplier of the Safety Data Sheet

Supplier

Slide Products, Inc.
430 S. Wheeling Road
Wheeling, IL 60090

For further information, please contact

Contact Point Slide Products: 1-847-541-7220
Email Address info@slideproducts.com

1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

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

Classification according to 67/548/EEC

Full text of R-phrases: see section 16

Hazard Symbols

Xn - Harmful

R-code(s)

Xn;R22 - Xi;R36/38

2.2. Label Elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP].

**Signal Word**

Danger

Hazard Statements

H302 - Harmful if swallowed

H315 - Causes skin irritation

H318 - Causes serious eye damage

Precautionary Statements - EU (§28, 1272/2008)

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/physician

P501 - Dispose of contents/ container to an approved waste disposal plant

P270 - Do not eat, drink or smoke when using this product

2.3. Other Hazards**General Hazards**

None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

Chemical Name	EC No	CAS No	Weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Water	Present	7732-18-5	66	Not classified	Not classified	Not determined
Quartz	Present	14808-60-7	18-28	-	Not determined	Not determined
Oleic Acid	Present	112-80-1	5-10	Xi; R38 Xi; R36 (self-classification)	Skin Irrit. 2 H315 Eye Irrit. H319 (self-classification)	Not determined
Morpholine	Present	110-91-8	<5	R10 Xn; R20/21/22 C; R34	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Flam. Liq. 3 (H226)	Not determined

Full text of R-phrases: see section 16**Full text of H- and EUH-phrases: see section 16****Additional Information**

Substances without a classification are included, because they have established occupational exposure limits. Substances which do not meet the criteria for classification are included in order to provide full disclosure of the product.

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice	When symptoms persist or in all cases of doubt seek medical advice.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.
Inhalation	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.
Ingestion	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.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms	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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4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

None known.

5.2. Special Hazards Arising from the Substance or Mixture

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 (NO_x). Ammonia.

5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required. 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.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. 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.

For Emergency Responders

Use personal protection recommended in Section 8.

6.2. Environmental Precautions

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

6.3. 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.

6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

Section 7: HANDLING AND STORAGE**7.1. 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.

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.

7.2. 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.

7.3. Specific End Use(s)**Specific Use(s)**

Industrial purging compound.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control Parameters****Exposure Limits**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Quartz 14808-60-7		STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	Skin
Oleic Acid 112-80-1					Skin
Morpholine 110-91-8	TWA: 10 ppm TWA: 36 mg/m ³	STEL: 20 ppm STEL: 72 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³ Skin	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³	STEL: 20 ppm STEL: 72 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 72 mg/m ³

Component	Italy	Portugal	Netherlands	Finland	Denmark
Quartz 14808-60-7 (18-28)		TWA: 0.025 mg/m ³	TWA: 0.075 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³
Morpholine 110-91-8 (<5)	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Skin	TWA: 20 ppm	Skin STEL: 72 mg/m ³ TWA: 36 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Skin	TWA: 10 ppm TWA: 36 mg/m ³ Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Quartz 14808-60-7	TWA: 0.15 mg/m ³ TWA: 4 mg/m ³	TWA: 0.15 mg/m ³	TWA: 2 mg/m ³ TWA: 0.3 mg/m ³ TWA: 4.0 mg/m ³ TWA: 1.0 mg/m ³	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³
Morpholine 110-91-8	Skin STEL 10 ppm STEL 36 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³ Ceiling 10 ppm Ceiling 36 mg/m ³	Skin STEL: 20 ppm STEL: 72 mg/m ³ TWA: 10 ppm TWA: 36 mg/m ³	STEL: 72 mg/m ³ TWA: 36 mg/m ³ Skin	TWA: 10 ppm TWA: 36 mg/m ³ Skin STEL: 20 ppm STEL: 54 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Skin

8.2. Exposure 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.

Personal Protective Equipment

Eye/Face Protection

Wear eye/face protection. Goggles.

Hand Protection

Wear suitable gloves.

Skin and Body Protection

Suitable protective clothing.

Respiratory Protection

Use appropriate respiratory protection when airborne exposure limits are exceeded.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Appearance	Pale, straw-colored creamy emulsion	Odor	Mild
Color	Pale straw	Odor Threshold	No information available
Property	Values	Remarks • Method	
pH	No information available		
Melting Point/Freezing Point	0 °C / 32 °F		
Boiling Point/Boiling Range	100 °C / 212 °F		
Flash Point	No information available		
Evaporation Rate	1	(butyl acetate = 1)	
Flammability (Solid, Gas)	n/a-liquid		
Flammability Limits in Air			
Upper Flammability Limits	No information available		
Lower Flammability Limit	No information available		
Vapor Pressure	17 mm Hg	@ 21 °C (70 °F)	
Vapor Density	0.6		
Relative Density	1.13		
Water Solubility	Completely soluble		
Solubility(ies)	Not determined		
Partition Coefficient	No information available		
Auto-ignition Temperature	No information available		
Decomposition Temperature	No information available		
Kinematic Viscosity	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Dynamic Viscosity	No information available	
Explosive Properties	Not an explosive	
Oxidizing Properties	None known	
9.2. Other information		
VOC Content (%)	No information available	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not reactive under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Hazardous Polymerization

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

Avoid contact with direct heat.

10.5. Incompatible Materials

Oxidizing agents. Reducing agents. Acids.

10.6. Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx). Ammonia.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information

Eye Contact Causes serious eye damage.

Skin Contact Causes skin irritation.

Inhalation Do not inhale.

Ingestion Harmful if swallowed.

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

Oral LD50	1,996.00
Units	mg/kg
Dermal LD50	27,500.00
Units	mg/kg
Inhalation	
Mist	37.50
Units	mg/L

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	= 500 mg/kg (Rat)		
Oleic Acid	= 25 g/kg (Rat)		
Morpholine	= 1050 mg/kg (Rat)	= 310 mg/kg (Rabbit)	

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	None known based on information supplied.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Symptoms	Please see section 4 of this SDS for symptoms.

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

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

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Oleic Acid		205: 96 h Pimephales promelas mg/L LC50 static	
Morpholine	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	100: 24 h Daphnia magna mg/L EC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical Name	Partition Coefficient
Morpholine	-2.55

12.4. Mobility in Soil**Mobility**

Not determined.

12.5. Results of PBT and vPvB Assessment

Not determined.

12.6. Other Adverse Effects

Not determined.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID No Not regulated

RID

14.1 UN/ID No Not regulated

ADR

14.1 UN/ID No Not regulated

ICAO (air)

14.1 UN/ID No Not regulated

IATA

14.1 UN/ID No Not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
Quartz 14808-60-7	RG 25	

Germany

Water Hazard Class (WGK) Water endangering class = 1 (self-classification)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

International Inventories

Not determined.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: OTHER INFORMATION**Full text of R-phrases referred to under sections 2 and 3**

R22 - Harmful if swallowed
R34 - Causes burns
R10 - Flammable
R36 - Irritating to eyes
R38 - Irritating to skin
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed
R36/38 - Irritating to eyes and skin

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H314 - Causes severe skin burns and eye damage
H226 - Flammable liquid and vapor
H319 - Causes serious eye irritation
H315 - Causes skin irritation

Classification Procedure

Calculation method

Issue Date: 10-Jan-2012

Revision Date: 01-Jan-2015

Revision Note: New format.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

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