

Material Safety Data Sheet

Material Name: Desi Pak

*** Section 1 - Chemical Product and Company Identification ***

Distributor Information

Uline
2200 S. Lakeside Dr
Waukegan, IL 60085

Phone: 847-473-3000
Fax: 847-473-5157

*** Section 2 - Hazards Identification ***

Emergency Overview

Poses little or no immediate hazard.

Potential Health Effects: Eyes

Route of exposure unlikely. Dust may cause a mechanical irritation which can scratch the eye.

Potential Health Effects: Skin

No adverse effects expected

Potential Health Effects: Ingestion

Non-toxic by ingestion. Packets or canisters may pose a choking hazard. Keep away from children and pets.

Potential Health Effects: Inhalation

Route of exposure unlikely. This material is normally packaged and contained in a pouch, bag or canister. If the container is opened, prolonged or repeated inhalation of high dust concentrations may cause lung damage.

HMIS Ratings: Health: 0 Fire: 0 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
1302-78-9	Bentonite	25-99
Not Available	Pouch, Bag, Canister, Stopper, or Cap	1-75
14808-60-7	Quartz	<0.5

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Do not rub eyes. Flush with lukewarm, gently flowing water for 5 minutes or until the particle/dust is removed, while holding the eyelid(s) open. Obtain medical attention.

First Aid: Skin

Wash with soap and water.

First Aid: Ingestion

Normally not needed. If large quantities are ingested, call your local Poison Control Center (1-800-222-1222 in the U.S.).

First Aid: Inhalation

Normally not needed. If exposed to excessive levels of dust or fumes, remove to fresh air and seek medical attention of cough or other symptoms develop or persist.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

Material is not flammable

Hazardous Combustion Products

Not Determined.

Extinguishing Media

Use extinguishing agent applicable to surrounding fire.

Fire Fighting Equipment/Instructions

As in any fire, wear self-contained breathing apparatus operated in pressure demand mode, (NIOSH approved or equivalent) and full protective gear.

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NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

None

Clean-Up Procedures

With shovel or scoop, place material into appropriate container.

Evacuation Procedures

None

Special Procedures

None

*** Section 7 - Handling and Storage ***

Handling Procedures

Use of proper hygiene practices in the workplace is recommended.

Storage Procedures

Store in a dry area.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Quartz (14808-60-7)

ACGIH: 0.025 mg/m3 TWA (respirable fraction)

OSHA: 0.1 mg/m3 TWA (respirable dust)

NIOSH: 0.05 mg/m3 TWA (respirable dust)

Engineering Controls

If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Follow facility guidelines.

Personal Protective Equipment: Skin

Use of proper hygiene practices in the workplace is recommended.

Personal Protective Equipment: Respiratory

Use local exhaust if dusting occurs. Good general ventilation is adequate in the absence of dusts.

Personal Protective Equipment: General

*** Section 9 - Physical & Chemical Properties ***

Appearance: Desiccant pack

Physical State: Solid

Vapor Pressure: ND

Boiling Point: ND

Solubility (H2O): ND

Evaporation Rate: ND

Octanol/H2O Coeff.: ND

Flash Point Method: ND

Lower Flammability Limit ND

(LFL):

Auto Ignition: ND

Odor: None

pH: ND

Vapor Density: ND

Melting Point: ND

Specific Gravity: ND

VOC: ND

Flash Point: ND

Upper Flammability Limit ND

(UFL):

Burning Rate: ND

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

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Chemical Stability: Conditions to Avoid

None

Incompatibility

None

Hazardous Decomposition

Not Determined

Possibility of Hazardous Reactions

Will not occur.

* * * **Section 11 - Toxicological Information** * * *

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Bentonite (1302-78-9)

Oral LD50 Rat >5000 mg/kg

Quartz (14808-60-7)

Oral LD50 Rat 500 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

Quartz (14808-60-7)

ACGIH: A2 - Suspected Human Carcinogen

NIOSH: potential occupational carcinogen

NTP: Known Human Carcinogen (Select Carcinogen)

IARC: Monograph 68 [1997] (listed under Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources) (Group 1 (carcinogenic to humans))

* * * **Section 12 - Ecological Information** * * *

Ecotoxicity

A: General Product Information

Low hazard for usual industrial or commercial handling.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Bentonite (1302-78-9)

Test & Species

96 Hr LC50 Salmo gairdneri

8.0-19.0 g/L

Conditions

96 Hr LC50 Oncorhynchus mykiss

19000 mg/L [static]

* * * **Section 13 - Disposal Considerations** * * *

US EPA Waste Number & Descriptions

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

This product, if discarded as sold, is not a Federal RCRA hazardous waste. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

* * * **Section 14 - Transportation Information** * * *

US DOT Information

Shipping Name: Not Regulated

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*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Quartz	14808-60-7	No	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Bentonite	1302-78-9	Yes	DSL	EINECS
Quartz	14808-60-7	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.