

# Material Safety Data Sheet

Material Name: Container Dri II

## \*\*\* 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

There are little or no health hazards associated with intact packaged desiccant. However, health hazards do exist as a result of the dusts generated if the container is cut, split or otherwise compromised. Breathing dust may irritate nose, throat and lungs. Dust can be irritating to eyes and skin.

### Potential Health Effects: Eyes

Route of exposure unlikely. Rubbing eyes after handling product may cause irritation. Use of proper chemical hygiene should prevent exposure.

### Potential Health Effects: Skin

Route of exposure unlikely. Prolonged or repeated contact with package contents may cause irritation.

### Potential Health Effects: Ingestion

Route of exposure unlikely. Ingestion of large quantities may cause stomach and intestinal distress.

### Potential Health Effects: Inhalation

Route of exposure unlikely. Inhalation of package contents may cause irritation.

### HMIS Ratings: Health: 1 Fire: 0 HMIS Reactivity 1

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

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

CAS #	Component
113894-92-1	Amylopectin, phosphate, 2-hydroxypropyl ether
10043-52-4	Calcium chloride

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

### First Aid: Skin

Wash with soap and water. Get medical attention if irritation develops or persists.

### First Aid: Ingestion

Encourage fluid intake. Seek medical attention if symptoms develop or persist.

### First Aid: Inhalation

Remove to fresh air. Seek medical attention if 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

When heated to decomposition, toxic chlorine fumes are emitted.

### 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.

### NFPA Ratings: Health: 1 Fire: 0 Reactivity: 1

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

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## \*\*\* 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

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

Good general ventilation should be sufficient to control airborne levels.

### 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

Good general ventilation should be sufficient to control airborne levels.

#### 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 (LFL):** ND

**Auto Ignition:** ND

**Odor:** None

**pH:** 8-9 in aqueous solution

**Vapor Density:** ND

**Melting Point:** ND

**Specific Gravity:** ND

**VOC:** ND

**Flash Point:** ND

**Upper Flammability Limit (UFL):** ND

**Burning Rate:** ND

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

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

A rise in temperature may result from contact with water. Store in original container. Keep container tightly closed and dry.

### Incompatibility

None

### Hazardous Decomposition

Not Determined

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## 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

**Calcium chloride (10043-52-4)**

Oral LD50 Rat 1000 mg/kg; Dermal LD50 Rat 2630 mg/kg

#### Carcinogenicity

##### A: General Product Information

No information available for the product.

##### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

##### A: General Product Information

Aquatic Toxicity (Calcium Chloride):

96-hr EC50 (T. tubifex) = 281,190 ug/L

48-hr EC50 (T. tubifex) = 389,050 ug/L

24-hr LC50 (T. tubifex) = 814,400 ug/L

##### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

**Calcium chloride (10043-52-4)**

###### Test & Species

96 Hr LC50 Lepomis macrochirus

10650 mg/L [static]

###### Conditions

48 Hr EC50 Daphnia magna

52 mg/L

### \*\*\* 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

### \*\*\* 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

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

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## Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

## Additional Regulatory Information

## Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Calcium chloride	10043-52-4	Yes	DSL	EINECS
Amylopectin, phosphate, 2-hydroxypropyl ether	113894-92-1	Yes	DSL	No

## \*\*\* 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.