

**DWS**  
**DarCole Water Silicaseal**  
**Safety Data Sheet**



**DarCole Products, Inc.**

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*"Concrete Additives for Cement Attitudes"*

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION**

Product Identification

- Trade Name: **DWS**
- Common Use: Curing, Hardening & Dust Proofing Compound for Concrete
- Restriction on Use: Intended for industrial and professional users
- CAS#: Mixture

Company Information

- DarCole Products, Inc.  
9130 US Hwy 60 West  
Henderson, KY 42420  
270-826-6499

Emergency Number-(serviced 24 hours)

- CHEMTREC 800-424-9300

**2. HAZARDS IDENTIFICATION**

Classification of substance or mixture:

Eye Irritation	Category 1	Serious Eye Damage
Skin Irritation	Category 2	Causes sever skin burns

Label Elements: This material requires a hazard warning label in accordance with GHS criteria.



Pictogram:

Signal Word: **DANGER**

Hazard Statement(s):

H318: Causes serious eye damage

H314: Causes sever skin and eye burns

Precautionary statement(s):

P280: Wear eye protection/face protection

P264: Wash face, hands and forearms thoroughly after handling

Precautionary statements (response):

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

P310: Immediately call doctor/physician

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower

P363: Wash contaminated clothing before reuse.

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Hazards not otherwise classified: Not applicable

Additional classifications:

**HMIS Ratings** (scale 0-4)

Health-3 Serious

Fire- 0 Minimal

Reactivity- 0 Minimal

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Per 2012 OSHA Hazard Communication Standard 29 CFR1910.1200

<b>Components:</b>		
Chemical Name:	CAS#:	Content
Potassium Hydroxide	1310-58-3	1-5%

### 4. FIRST AID MEASURES

Skin: Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek medical attention.

Inhalation: Move person away from exposure. If having difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration and seek medical attention.

Eyes: Flush eyes with water lifting upper and lower lids occasionally for 15 minutes. If irritation persists, seek medical attention.

Ingestion: Contact physician or Poison Control Center (PCC) immediately. Do NOT induce vomiting unless instructed to do by physician or PCC.

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media suitable for surrounding fire

Unsuitable extinguishing media: Water jet

Specific hazards in case of fire: None are known

Special protective equipment required for firefighting: Wear self-contained breathing apparatus (SCBA)

Additional information for firefighters: None

### 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent material from entering drains, septic systems, water sources, etc. by the use of dikes, absorbent materials and booms.

Personal precautions, protective equipment and emergency procedures:

- Wear appropriate PPE as needed
- Keep unprotected persons away

Material containment and clean up: Contain material with dikes. Vacuum up spilled material or use absorbent media. Remove spilled material to storage for proper disposal. Dispose of in accordance with local, state and federal regulations. Rinse residual stain with water.

### 7. HANDLING AND STORAGE

Information about protections against explosions and fires: No special measures required if material is stored and used correctly

Precautions for safe handling: No special handling required if material is used correctly.

Information about safe storage: Avoid contact with acids

Shelf Life: 18 months

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Additional information about exposure controls: No further data; see section 7

Components with limit values that require monitoring at the workplace: None

PPE (personal protective equipment) and hygienic measures:

- Wear ANSI approved safety glasses or goggles to protect eyes.
- Wear latex or rubber gloves to protect skin.
- Wash hands thoroughly before breaks and at end of work day.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Liquid
- Color: Clear
- Odor: None
- Odor Threshold: Not applicable

Physical Properties:

- pH value (@70°F): 9.90-11.90
- Specific gravity (@70°F): 1.030
- Bulk density: Not available
- Boiling point: 212°F/100°C
- Freezing point/Melting point: 32°F/0°C
- Decomposition temperature: Not available
- Vapor pressure: Not available
- Vapor density: Not available
- Evaporation rate: Not available
- VOC (w/w): 0%
- Solubility in / Miscibility with water: 100%
- Partition Coefficient (n-octanol/water): Not available
- Auto ignition: Material is not self-igniting
- Flash point: Material is non-flammable
- Lower/Upper Flammability Limits: Not applicable
- Viscosity: Not available
- Danger of Explosion: Material does not present an explosion hazard

## 10. STABILITY AND REACTIVITY

Material stability: Material is stable and not sensitive to mechanical impact

Hazardous decomposition products: None expected during normal storage, handling and use

Incompatible materials to avoid: Reacts with acids

Possibility of hazardous reactions: None known

## 11. TOXICOLOGICAL INFORMATION

Routes for exposure for solids and liquids are ingestion and inhalation, but may include eye and skin contact.

Acute toxicity: This product has not been tested for toxicity. Toxicity is based on data derived from individual components.

- Dermal: causes severe skin burns
- Inhalation: no data available
- Ingestion: toxic effects are not expected after a single oral dose
- Corrosion/irritation: causes serious irreversible eye damage

Chronic toxicity: This product has not been tested for toxicity. Based on the properties of the individual components, the classification criteria are not met.

- Repeated dose: based on available data, the classification criteria are not met
- Genetic: based on available data, the classification criteria are not met

- Carcinogenicity: based on available data, the classification criteria are not met
- Reproductive: based on available data, the classification criteria are not met
- Teratogenicity: based on available data, the classification criteria are not met

## **12. ECOLOGICAL INFORMATION**

Based on available data, there are no expected damaging effects to aquatic organisms. Harmful effects through pH are possible. On the basis of the data no harmful effects are expected after neutralization.

Persistence and degradability: data not available

Bioaccumulative potential: there is no evidence to suggest bioaccumulation will occur

Mobility in soil: no data available

## **13. DISPOSAL CONSIDERATIONS**

In its manufactured form this material is not considered a hazardous waste. Dispose of in accordance with local, state and federal regulations.

## **14. TRANSPORT INFORMATION**

Material is not regulated for transport.

## **15. REGULATORY INFORMATION**

- Sara 302 (extremely hazardous materials): not applicable
- Sara 311/312: Acute health hazard
- Sara 313: Not applicable
- TSCA: All components are listed or exempt

## **16. OTHER INFORMATION**

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