



**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: **DSC 412**
- Common Use: Multi Range Water Reducing Concrete Admixture
- 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: Not classified as hazardous per 2012 OSHA Hazard Classification Standard 29 CFR Part 1910.1200.

Label Elements: This material does not require a hazard warning label in accordance with GHS criteria.

Pictogram: Not applicable

Signal Word: Not applicable

Hazard Statement(s): Not applicable

Precautionary statement(s): Not applicable

General: As a part of good industrial hygiene and safety practices, use skin and eye protection while using this product

Additional classifications:

**HMIS Ratings** (scale 0-4)  
Health-0 Minimal  
Fire-0 Minimal  
Reactivity-0 Minimal

## 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

This product does not contain any components classified as hazardous under 29 CFR 1910.1200

## 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.

**DSC 412**  
**DarCole Shotcrete 412**  
**Safety Data Sheet**

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: None are known

Specific hazards in case of fire: None are known

Special protective equipment required for firefighting: None are known

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

Precautions for safe handling: No special handling required

Information about safe storage: Protect material from temperatures under 32°F (0°C)

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: Brown
- Odor: Slight Odor
- Odor Threshold: Not applicable

Physical Properties:

- pH value (@70°F): Not available
- Specific gravity (@70°F): 1.025-1.050
- 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: Avoid contact with strong oxidizing agent

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. Based on data derived from individual components the classification criteria are not met. No adverse health effects are expected with intended use and appropriate handling.

- Ingestion: non-toxic after single ingestion
- Inhalation: non-toxic by inhalation
- Skin: almost no irritation
- Eyes: mild irritation

Chronic toxicity: This product has not been tested for toxicity. Based on the properties of the individual components, no adverse health effects are expected with intended use and appropriate handling.

- Skin: based on available data, the classification criteria is not met
- Genetic: based on available data, the classification criteria is not met
- Carcinogenicity: based on available data, the classification criteria is not met
- Reproductive: based on available data, the classification criteria is not met
- Teratogenicity: based on available data, the classification criteria is not met

## 12. ECOLOGICAL INFORMATION

Based on available data, potential for environmental toxicity is low; however, discharge to the environment should be avoided.

Ecotoxicity: product is unlikely harmful to aquatic life

Persistence and degradability: product expected to degrade in one month or less

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

Mobility in soil: Accidental spillage may lead to penetration in the soil and groundwater, however; there is no evidence that this would cause adverse ecological effects.

## 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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