



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: **DNS 130**
- Common Use: Accelerating and Water Reducing Concrete Admixture
- Restriction on Use: Intended for industrial and professional users
- CAS#: Mixture

Company Information

- DarCole Products, Inc.  
1940 Hwy 41 South  
Sebree, KY 42455  
270-826-6499

Emergency Number-(serviced 24 hours)

- CHEMTREC 800-424-9300

**2. HAZARDS IDENTIFICATION**

Classification of substance or mixture:

Eye Irritation	Category 2A	Causes serious eye irritation
Specific Organ Toxicity(single exposure)	Category 3	May cause respiratory irritation
Acute Toxicity (oral)	Category 5	May be harmful if swallowed
Skin Irritation	Category 2	Causes skin irritation

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



Pictogram:

Signal Word: **WARNING**

Hazard Statement(s):

H335: May cause respiratory irritation

H303: May be harmful if swallowed

H319: Causes serious eye irritation

H315: Causes skin irritation

Precautionary statement(s):

P280: Wear eye protection/face protection

P264: Wash with plenty of water and soap thoroughly after handling

Precautionary statements (response):

**DNS 130**  
**DarNset 130**  
**Safety Data Sheet**

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.

P337+P313: If eye irritation persists: Get medical advice/attention

P312: Call poison center or physician if you feel unwell

P302+P352: IF ON SKIN: Wash with plenty of soap & water

P332+P313 If skin irritation occurs: Get medical advice

P362: Take off contaminated clothing and wash before reuse

Hazards not otherwise classified: Not applicable

Additional classifications:

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

Health-1 Slight

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
Calcium Nitrate 70%	13477-34-4	65-75%
Sodium Thiocyanate 50%	54-72-7	7-9%

### 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: Carbon dioxide, carbon monoxide, harmful vapors, nitrogen oxides, fumes/smoke, carbon black

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.

### 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: Protect material from temperatures under 20°F (-7°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: Golden
- Odor: Pungent
- Odor Threshold: Not applicable

Physical Properties:

- pH value (@70°F): 7.00-9.00
- Specific gravity (@70°F): 1.263-1.512
- 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: Strong Acids, strong bases, strong oxidizing agents

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 skin irritation
- Inhalation: may cause respiratory irritation

- Ingestion: may be harmful if swallowed
- Corrosion/irritation: causes serious eye 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.

- 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, 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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