



DarCole Products, Inc.

1940 Hwy 41 South
Sebree, KY 42455
P 270.826.6499
F 270.831.2288
www.darcole.com

"Concrete Additives for Cement Attitudes"

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: **DSA110**
- Common Use: Air Entraining Concrete Admixture
- 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:

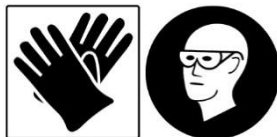
| | | |
|-----------------|-------------|--------------------|
| Skin Irritation | Category 3 | Mild Skin Irritant |
| Eye Irritation | Category 2B | Eye Irritant |



Signal Word: **WARNING**

Hazard Statement(s): Causes mild skin irritation. Causes eye irritation.

Precautionary statement(s): Use skin and eye protection while using this product.



Additional classifications:

HMIS Ratings (scale 0-4)

Health-1 Slight

Fire-0 Minimal

Reactivity-0 Minimal

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

- Chemical characterization: Mixture
- Description: Chemical Admixture for Concrete

| Components: | | |
|----------------------------|-----------|---------|
| Chemical Name: | CAS#: | Content |
| Sodium Hydroxide | 1310-73-2 | <1% |
| 2,2',2''-nitrilotriethanol | 102-71-6 | 1-2% |

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: 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 20°F (-7°C)

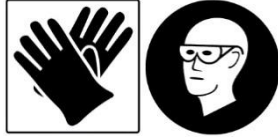
Shelf Life: 18 months

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: Dark Brown
- Odor: None
- Odor Threshold: Not applicable

Physical Properties:

- pH value (@70°F): 10.0-13.0
- Specific gravity (@70°F): 0.960-1.055
- Bulk density: Not available
- Boiling point: 212°F/100°C
- Freezing point: 32°F/0°C
- Melting point: Not available
- 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: None known

Possibility of hazardous reactions: None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

- Ingestion: amounts ingested incidental to industrial handling are not expected to cause injury
- Inhalation: exposure to vapors unlikely due to product physical properties
- Skin: causes mild transient irritation
- Eyes: causes irritation

Chronic toxicity:

- Skin: prolonged or repeated contact with bare skin removes oils possibly leading to irritation and dermatitis
- Target organs: not applicable
- Sensitization: not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity: low

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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