

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: **FINISHEASE-NC**
- Product Use: Multi Range Water Reducing Concrete Admixture
- Restrictions on Use: Intended for industrial and professional users
- CAS#: Mixture

Company Information

- RussTech, Inc.
11208 Decimal Drive
Louisville, KY 40299
502-267-7700
- Prepared by Department of Environmental, Health and Safety

Emergency number – (served 24 hours)

- CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

Classification of substance or mixture:

Acute Toxicity - Oral	Category 4	Harmful if swallowed
Skin Corrosion / Irritation	Category 2	Cause skin irritation
Eye Damage / Irritation	Category 1	Causes serious eye damage
Acute Toxicity – Inhalation	Category 4	Harmful if inhaled

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

Pictogram:



Signal Word: **DANGER**

Hazard statement(s):

H302: Harmful if swallowed
H315: Causes skin irritation
H318: Causes serious eye damage
H332: Harmful if inhaled

Precautionary statement(s):

P261: Avoid breathing mists/vapors/spray
P264: Wash face, arms, and hands thoroughly after handling
P270: Do not eat, drink, or smoke when using this product
P271: Use only outdoors or in a well-ventilated area

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P280: Wear protective gloves, eye, and face protection
P301+P312: IF SWALLOWED: Call a poison center or doctor if you feel unwell
P302+P352: IF ON SKIN: Wash with plenty of water
P304+P340: IF INHALED: Remove person to fresh air and make comfortable for breathing
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a poison control center or doctor
P330: Rinse mouth
P332+P313: If skin irritation occurs – get medical attention or advice
P362+P364: Take off contaminated clothing and wash before reuse
P501: Dispose of contents in accordance with local/regional/national regulations

Hazards not otherwise classified: Not applicable

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Per 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200

Components:		
Chemical Name:	CAS#:	Content
2-Phenylphenol	90-43-7	0.00 – 2.50%
Sodium hydroxide 50%	1310-73-2	0.25 – 2.75%
Disodium edetate dihydrate	6381-92-6	0.25 – 2.75%
Sodium thiocyanate 50%	540-72-7	7.50 – 12.50%
Sodium nitrate 46%	7631-99-4	12.50 – 19.50%

4. FIRST AID MEASURES

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. Seek medical attention immediately.
Skin: Remove contaminated clothing. Wash affected area thoroughly with soap and water. 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 (foam, water spray, dry powder, carbon dioxide)
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: Keep containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

- Wear appropriate PPE (safety glasses, gloves, protective clothing/apron) as needed
- Keep unprotected persons away

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Environmental precautions:

- Prevent material or extinguishing waters from entering drains, septic systems, water sources, etc. using dikes, absorbent materials, and booms.

Material containment and clean up:

- Contain material with dikes. Vacuum up spilled material or use absorbent media (sand, earth, etc.). 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

Precautions for safe handling: No special handling required if material is used correctly. Avoid aerosol formation and wear proper PPE. Do not eat, drink, or smoke while using this material.

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

Information about safe storage: Protect material from temperatures under 32°F (0°C). Suitable material for containers: high density polyethylene (HDPE). Store material in original container.

Shelf Life: 18 months if stored properly

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Additional information about exposure controls: Use outside or in well ventilated area

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

PPE (personal protective equipment) and hygienic measures:

- If concentrations are above occupational exposure limits use appropriate certified respirators
- Wear ANSI approved safety glasses or goggles to protect eyes
- Wear latex or rubber gloves to protect skin
- Wash face & hands thoroughly before breaks and at end of workday
- Do not eat, drink, or smoke while using this material

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Liquid
- Color: Dark brown
- Odor: Musty
- Odor Threshold: Not available

Physical properties:

- pH value (@70°F): 6.50 – 10.50
- Specific gravity (@70°F): 1.220 – 1.280
- Bulk density: Not available
- Boiling point: 212°F / 100°C
- Freezing point/Melting point: 20°F / -7°C
- Decomposition temperature: Not available
- Vapor pressure: Not available
- Vapor density: Not available
- Evaporation rate: Not available
- VOC (w/w): 0%

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- 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 under normal conditions and not sensitive to mechanical impact

Reactivity: Material is non-reactive under normal conditions

Possibility of hazardous reactions: None known

Incompatible materials to avoid: Strong acids, strong bases, strong oxidizing agents, strong reducing agents

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

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. Data derived from individual components.

- Dermal: causes skin irritation
- Inhalation: harmful if inhaled
- Ingestion: harmful if swallowed
- Irritation/corrosion: causes serious 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

Most important symptoms and effects; acute and delayed: Product may be damaging or corrosive to the eyes. Symptoms include pain, redness, stinging, tearing, irritation, inability to keep the eye open, sensation of something in the eye, swelling of eye lids and blurred vision. May irritate the respiratory tract and skin. Respiratory irritation may cause shortness of breath and coughing. Skin irritation may cause redness, itching and pain.

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

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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 or its residues are not considered a hazardous waste. Dispose of in accordance with local, state, and federal regulations. Surplus or contaminated product should be disposed of by a licensed disposal facility. Do not discharge product or residues into sewers, drains, surface waters or ground waters. Packaging should be emptied as much as possible and thoroughly cleaned before being reused or recycled.

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
- California Prop. 65: This product does not contain any chemicals known to the state of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

This information is based on our current knowledge and is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of RussTech's knowledge or is obtained from sources believed by RussTech to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. RussTech assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, RussTech assumes no responsibility for injuries caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.