

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: **RVR-15**
- Product Use: Vinsol Resin Air Entraining 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:

Skin Irritation/Corrosion	Category 1C	Causes severe skin burns & eye damage
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Label elements: This material requires a hazard warning label in accordance with GHS criteria



Pictogram:

Signal Word: **DANGER**

Hazard statement(s):

H314: Causes severe skin burns and eye damage

Precautionary statement(s):

P260: Do not breathe dusts or mists

P280: Wear protective gloves and eye/face protection.

P264: Wash with plenty of soap & water thoroughly after handling.

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

P363: Wash contaminated clothing before reuse

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

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P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P405: Store locked up

P501: Dispose of contents in accordance with local/state/federal 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
Sodium Hydroxide 50%	1310-73-2	1%
Rosin	8050-09-7	5 -7%

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. Seek medical attention if irritation to the nasal, throat or lung develops.

Eyes: Flush eyes with water lifting upper and lower lids occasionally for 15 minutes. Get immediate medical attention.

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

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

Personal precautions, protective equipment, and emergency procedures:

- Wear appropriate PPE as needed
- Keep unprotected persons away

Environmental precautions:

- Prevent material 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. Remove spilled material to storage for proper disposal. Dispose of in accordance with local, state, and federal regulations. Rinse residual stain with water.

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7. HANDLING AND STORAGE

Precautions for safe handling: Avoid aerosol formation; do not breathe mists/vapors/spray. Use only in well ventilated areas. Wear proper PPE.

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). Store in cool, dry well-ventilated area.

Shelf Life: 18 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Additional information about exposure controls: Avoid aerosol formation. Use only in well ventilated areas. Avoid contact with skin, eyes, and clothing.

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, forearms, and face thoroughly before breaks and at end of workday

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Liquid
- Color: Dark Green
- Odor: Pine Terpene
- Odor Threshold: Not applicable

Physical properties:

- pH value (@70°F): 11.00 – 13.00
- Specific gravity (@70°F): 1.020 – 1.060
- 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

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10. STABILITY AND REACTIVITY

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

Possibility of hazardous reactions: None known

Incompatible materials to avoid: Strong acids, strong bases, strong oxidizers, 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 burns or corrosion to the skin
- Inhalation: causes respiratory irritation
- Ingestion: causes caustic effect on mouth and throat
- Irritation/corrosion causes severe eye irritation and corrosion damage to the cornea, conjunctiva, and scleral tissues.
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Chronic toxicity: This product has not been tested for toxicity. Data derived from individual components.

- Repeated dose: no data available
- Genetic: no data available
- Carcinogenicity: no data available
- Reproductive: no data available
- Teratogenicity: no data available

Most important symptoms and effects; acute and delayed: Product may be damaging or corrosive to the skin and eyes. Symptoms for eye damage 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. Symptoms for skin damage may include caustic burns to the skin resulting in pain or numbness, redness, burning, formation of blisters or blackened skin.

12. ECOLOGICAL INFORMATION

Product has not been tested for ecotoxicity; discharge to the environment should be avoided.

Ecotoxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

13. DISPOSAL CONSIDERATIONS

Neutralize waste material to adjust pH levels for appropriate disposal. 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

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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.