

TCC Materials
2025 Centre Pointe Boulevard
Mendota Heights, MN 55120-1221

Emergency Telephone Number:
651-688-9116
Information Telephone Number
651-688-9116

Revision Date
May 2021

Section 1: Product Identification

Product Type: Bonding agent for mulch

Product Name:

NorthRock® Landscape Loc Mulch & Rock Bond

Section 2: Hazard Identification

Product poses very little hazard in ordinary use. Eye irritation may occur from direct contact.

This product has been evaluated according to GHS and 29CFR1910.1200, Appendix A. It is categorized as not hazardous.

No pictograms and no hazard statements apply.

HMIS® Rating: Health: 0 Fire: 0 Reactivity: 0
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Section 3: Hazardous Ingredients/Composition

Ingredient	Typical Percentage	CAS #
Vinyl acetate/ethylene polymer dispersion	22-32%	*
Water	60-80%	7732-18-5

This product does not contain any hazardous substances at or above OSHA reportable limits. It does contain a preservative, at <0.05%.

*Specific chemical compositions withheld as trade secret. They are available upon request to health professionals, employees and their designated representatives in accord with 29CFR1910.1200(i).

Section 4: First Aid Measures

Inhalation:

Unlikely to be an inhalation hazard.

Eye contact:

Hold eyelids apart and flush eyes with water. At least fifteen minutes of flushing is recommended for any chemical contact. If any irritation persists, get medical attention.

Skin Contact:

Wash off with soap and water.

Ingestion:

Check with the Poison Control Center or a doctor.

Symptoms of overexposure: Direct contact could cause slight eye irritation.

Prolonged skin contact could cause mild drying and irritation of the skin.

A preservative used in this product, at a concentration below 0.05%, could cause an allergic skin reaction.

No respiratory effects are expected.

Note to physician: Treat according to symptoms. No known specific antidote. Very low ingestion toxicity.

Section 5: Fire Fighting Measures

Fire extinguishing media: Appropriate for surrounding materials (carbon dioxide, water spray, dry chemical, foam).

Special fire fighting procedures: none

Fire and explosion hazards: None expected in ordinary use. Dried residue can be a combustible dust.

Hazardous combustion products: carbon monoxide, carbon dioxide, acetic acid, carbon products from incomplete combustion

Section 6: Accidental Release Measures

Contain and soak up with absorbent material. Clean area with water. Floor may be slippery. Wear water-impermeable gloves for prolonged contact.

Section 7: Handling and Storage

To protect the product, keep from freezing or excessive heat. Store in cool area once opened, to discourage microbial contamination

Keep container tightly closed.

Wash hands after use.

Do not eat, drink, or use tobacco products when handling any chemical products.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

No special measures are needed.
Local exhaust ventilation is not required

Personal protective equipment

Respiratory protection: Not required under conditions of normal use.

Skin protection: Wear water-impermeable gloves such as neoprene, nitrile, PVC, or natural rubber gloves, for prolonged contact. Use face shield if splashing is likely.

Eye protection: Wear safety glasses if eye contact may be likely.

Section 9: Physical and Chemical Properties

Appearance and odor: White liquid, slight odor

Flash point: noncombustible.

Flammable limits: N/A

Boiling Point: 212°F

Density: 8.6lb/gal

Freezing point: ~ 32°F (estimated)

Specific Gravity: 1.0 (approximate)

Solubility in water: miscible

pH: 5-8

Evaporation rate (butyl acetate = 1): <1 (equivalent to water)

Section 10: Stability and Reactivity

Stability: stable

Conditions to avoid: none known.

Incompatibility: Avoid strong oxidizers, strong acids

Hazardous polymerization: will not occur

Hazardous decomposition products: Acetic acid may be given off at elevated temperatures. Combustion products will include carbon dioxide, carbon monoxide, hydrocarbons

Section 11: Toxicological Information

No ingredients are listed as carcinogenic according to IARC, ACGIH, NTP, or OSHA.

The toxicological properties of the substance have not been fully investigated. Toxicological testing has been conducted with similar products. Based on that and on components, product is:

- of very low acute toxicity (oral LD₅₀ for rats expected to be above 2000 mg/kg)

- Not irritating to eyes or skin
- Not a respiratory sensitizer
- Negative in tests for germ cell mutagenicity and carcinogenicity
- Not an aspiration hazard

No toxicological test data are available for reproductive toxicity or specific target organ toxicity. Based on ingredients, no harmful effects are likely.

A preservative present in less than 0.05% has been shown to cause skin sensitization in human skin patch tests. An induction threshold of 10-20 ppm was reported.

Section 12: Ecological Information

Product as a whole has not been tested but is expected to have low acute toxicity.

Ecotoxicity:

Not considered hazardous to the aquatic environment or to the ozone layer.

Persistence and degradability: Not likely to biodegrade

Mobility in soil: no information available.

Bioaccumulation: based on ingredients, not likely to bioaccumulate

Section 13: Disposal Considerations

Do not sewer.

As provided, not a RCRA-regulated waste.

Dispose of in accordance with federal, state, and local regulations.

Section 14: Transportation

Not a DOT-regulated hazardous material. Not classified as dangerous goods for DOT, IATA, IMDG, TDG

Section 15: Regulatory Information

This product does not contain 1% or more of any

- chemicals regulated under:
 - CERCLA
 - SARA 302 EHS
 - SARA 311/312
 - SARA 313
- Hazardous Air Pollutants
- Chemicals on the New Jersey Right to Know Hazardous Substance List

The state of California requires the following statement (Proposition 65) regarding this material:



WARNING: Cancer, Reproductive Harm - www.P65Warnings.ca.gov

Section 16: Other Information

Additional information on the products is available at www.tccmaterials.com

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Version: 2.5

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