



**TCC Materials**  
 2025 Centre Pointe Boulevard, Suite 300  
 Mendota Heights, MN 55120-1221

**Emergency Telephone Number:**  
 651-688-9116  
**Information Telephone Number**  
 651-905-8137

**Revision Date**  
 February 2020

**Section 1: Product Identification**

Product Type: Bonding agent for mulch

**Product Name:**

Nurserymen's Preferred® 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  
*HMIS® is a registered trademark of the National Paint and Coatings Association*

**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.

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**Section 5: Fire Fighting Measures**

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**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

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**Section 6: Accidental Release Measures**

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

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**Section 7: Handling and Storage**

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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.

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**Section 8: Exposure Controls/Personal Protection**

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**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.

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**Section 9: Physical and Chemical Properties**

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**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:** 5-6

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

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**Section 10: Stability and Reactivity**

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**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

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**Section 11: Toxicological Information**

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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 LD<sub>50</sub> 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.

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### Section 12: Ecological Information

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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

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### Section 13: Disposal Considerations

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Do not sewer.

As provided, not a RCRA-regulated waste.

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

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### Section 14: Transportation

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

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### Section 15: Regulatory Information

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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](http://www.P65Warnings.ca.gov)

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### Section 16: Other Information

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Additional information on the products is available at [www.tccmaterials.com](http://www.tccmaterials.com)

Date of Preparation: February 7, 2020  
Version: 2.4

Nurserymen's Preferred® is a trademark of TCC Materials.

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