

Material Data Safety Sheet

8/3/04

Product and Manufacturer Information

Product Name: Enzyme Carpet Shampoo
Product Use: Liquid Chemical Mixture
Manufacturer: Von Schrader Company
1600 Junction Avenue
Racine, WI 53403
(262) 634-1956

Composition/Information On Ingredients

Hazardous Ingredients
Sodium Tripolyphosphate CAS RN 7758-29-0
Sodium Lauryl Sulfate CAS RN 151-21-3
Proteolytic Enzyme CAS RN 9073-77-2
Nitrilotriacetic Acid and its Sodium Salt CAS RN 18662-53-8

Hazards Identification

Potential Health Effects: Some individuals may have already allergy irritation to the proteolytic enzyme.
Inhalation: Use adequate protection. Sodium Lauryl Sulfate is an inhalation irritant.
Skin Contact: Can be irritating. Sodium Tripolyphosphate may moderately irritating to skin and mucous membranes.
Eye Contact: Sodium Tripolyphosphate and Sodium Lauryl Sulfate are eye irritants.
Ingestion: Nitrilotriacetic acid and its sodium salt are an irritant, TWA/TLV 1mg/m3 total dust. May prove harmful if inhaled or ingested. May cause nausea. Listed in NTP annual report.

First Aid Measures

Effects of Over Exposure, Acute or Chronic Overexposure

Not Known. In the case of Chronic Overexposure, see hazardous ingredient list.
Inhalation: N/A
Skin: N/A
Eyes: Flush with water. Consult Physician.
Ingestion: Consult Physician.
Note To Physician: pH of 1% solution is about 10.0

Fire Fighting Measures

Flammable Properties: Flash Point: N/A No Autoignition Temperature.
Extinguishing Media: N/A, Special Fire Fighting Procedures-N/A, Unusual Fire Explosion Hazard-N/A

Handling and Storage

One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.

Exposure Controls and Personal Protection

Inhalation: Avoid breathing dust. Provide Adequate mechanical ventilation
Skin Contact: Neoprene or rubber gloves. No other specific clothing and equipment.
Eye Contact: Use goggles.

Physical and Chemical Properties

Physical Data
Boiling Point N/A
% Volatile Less than 5
Solubility in Water **Approx. 20**
Ph Concentrate (1% Sol.) 9.5-10
Evaporation Rate N/A
Specific Gravity 0.69/cc
Vapor Density (Air=1) N/A
Vapor Pressure (mm hg) N/A
Appearance and Odor White Powder, Low Odor

Stability and Reactivity

Chemical Stability:
Stable
Incompatibility or Hazardous Polymerization:
No conditions contributing to hazardous polymerization. No incompatibilities.
Decomposition:
Hazardous decomposition products: Not known.

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Spill or Leak Procedures	<u>Disposal Considerations</u>
	Sweep up in to trash or flush down sewer if permitted by federal, State or Local regulations. No neutralizing chemicals required.
Waste Disposal Method	In accordance with Federal, State or Local regulations.

Other Information

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