

Northland Chemical Corp.

1170 Eagan Industrial Rd, Eagan, MN 55121

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MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According to 29 CFR 1910.1200)

Effective Date: 05/01/12

Section 1 - PRODUCT IDENTIFICATION

NPCA Hazardous Materials Identification

Product Name: . . .Ex-Tractor
Generic Name: . . .Carpet & Upholstery Cleaner
Suppliers Name: . .NORTHLAND CHEMICAL CORP.
Suppliers Address: 1170 Eagan Industrial Rd, Eagan, MN 55121

Chemical Family: .N/A
Formula:N/A
Phone: 651-414-6246
Emergency:800-255-3924

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	B

Section 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV C	CARCINOGEN
Water	7732-18-5	to 100	N/A	N/A	N/A	No
Anionic Surfactant	5324-84-5	5 to 10				No
Potassium Hydroxide	1310-58-3	5 to 10	N/A	N/A	C2mg/m3	No
Tetrasodium Salt of Ethylenediaminetetraacetic Acid	64-02-8	0 to 5	N/E	N/E	N/E	No
Nonionic Surfactant	34398-01-1	0 to 5	N/E	N/E	N/E	No
Nonionic Surfactant	66455-15-0	0 to 5				No
Sodium Xylene Sulfonate	1300-72-7	0 to 5	N/E	N/E	N/E	No
Propylene Glycol	57-55-6	0 to 5	N/E	N/E	N/E	No
Optical Brighteners	N/A	0 to 5				No
Perfume Oil	N/A	0 to 5	N/E	N/E	N/E	No
Dye	N/A	0 to 5	N/E	N/E	N/E	No

Section 3 - PHYSICAL DATA

Boiling Range: 214°F initial
Vapor Pressure: 20mm Hg @ 68°F
% Volatile: 75+
Solubility in Water: 100%Physical Description: Thin green liquid with pleasant odor.

Specific Gravity: 1.10
Vapor Density: (Air=1):>1
pH: 11.8-12.8
Evaporation Rate: (Water=1):<1

Section 4 - FIRE AND EXPLOSION DATA

Concentrate Flash Point (Method): N/A
Propellant Flash Point (Method): N/A
Flash Point (Method): None to boiling. (TCC)
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

Explosive Limits
Upper: N/A
Lower: N/A

Section 5 - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong Acids.
Hazardous Decomposition Products: None known.

Hazardous Polymerization: Will not occur.

Section 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
Keep out of reach of children.
Keep container closed during storage. For institutional and commercial use.

Section 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Primary Route of Entry:
Skin:Skin irritant. May cause redness or swelling. Prolonged or repeated contact may cause dermatitis.
Eyes: Severe eye irritant. Liquid and mist may damage the eyes, causing corneal injury.
Inhalation:Vapors may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion:Irritating to the mouth, throat, and gastrointestinal system. Large doses may cause vomiting and diarrhea.

First Aid Procedures:
Skin:Remove contaminated clothing. Flush affected area with water. Seek medical attention if irritation persists.
Eyes:Flush eyes with large quantities of water. Seek medical attention if irritation persists.
Inhalation:Get to fresh air. Seek medical attention if irritation persists.
Ingestion:Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

Section 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Protective Gloves: Waterproof.
Other Protective Equipment: N/A

Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Eye Protection: Chemical anti-splash goggles.

Section 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method:
Any method in accordance with applicable laws.

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