

# Northland Chemical Corp.

1170 Eagan Industrial Rd, Eagan, MN 55121

Phone: ..... 651-414-6246

Fax: ..... 952-469-1164



## 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: Muscle  
Generic Name: Ready-To-Use Foaming Degreaser  
Suppliers Name: NORTHLAND CHEMICAL CORP.  
Suppliers Address: 1170 Eagan Industrial Rd, Eagan, MN 55121

Chem.Family: Detergent Blend  
Formula: Proprietary  
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	CARCINOGEN
Water	7732-18-5	To 100				
Tetrasodium EDTA	64-02-8	0 to 5				
Sodium Octanesulfonate	5324-84-5	0 to 5				
Ethoxylated Alcohol	68439-46-3	0 to 5				
Diethylene Glycol Butyl Ether	112-34-5	0 to 5				
Perfume Oil	N/A	0 to 5				
Dye	N/A	0 to 5				

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To Know Act of 1986 and of 40 CFR 372.

CAS# CHEMICAL NAME PERCENT BY WEIGHT

### Section 3 - PHYSICAL DATA

Boiling Range: 210°F initial  
Vapor Pressure: 20mm Hg @ 68°F  
% Volatile: 95+  
Solubility in Water: Complete  
Physical Description: Light orange liquid with pleasant citrus odor.

Specific Gravity: 1.012  
Vapor Density: (Air=1):>1  
pH: 11.0 - 12.0  
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 and oxidizers  
Hazardous Decomposition Products: Will not occur.

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. Eye irritant. May cause irritation with prolonged or repeated contact. Keep container closed during storage. For institutional and commercial use. Avoid contact with eyes, skin, and clothing. Wear rubber gloves and protective eyewear when spraying. Avoid breathing of mists. Use in well ventilated area.

### Section 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:  
Primary Route of Entry:  
Skin: Skin irritant. May cause moderate reddening and swelling. Prolonged or repeated contact may cause dermatitis.  
Eyes: Eye irritant. May cause redness and swelling of the conjunctiva.  
Inhalation: Direct inhalation of mist may be slightly irritating to the nose and throat.  
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:  
Skin: Remove contaminated clothing. Flush with large quantities of 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. Call physician if breathing is difficult.  
Ingestion: Do not induce vomiting. Drink a large quantity of water. Seek medical attention immediately.

### Section 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation.  
Protective Gloves: Waterproof recommended.  
Other Protective Equipment: N/A

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
Eye Protection: Safety glasses recommended.

### Section 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:  
Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

Waste Disposal Method:  
Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.