

SAFETY DATA SHEET

Date Prepared : 05/19/2015

SDS No : Northland Chemical Supply_Muscle Foaming Degreaser RTU

Muscle Foaming Degreaser RTU

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Muscle Foaming Degreaser RTU
GENERAL USE: Heavy duty degreasing of oil-based soils.
PRODUCT DESCRIPTION: Cleaner-Degreaser
CHEMICAL FAMILY: Solvent/detergent blend

DISTRIBUTOR

Northland Chemical Supply
1170 Eagan Industrial Road
Eagan, MN 55121
Customer Service: 651-414-6246

24 HR. EMERGENCY TELEPHONE NUMBERS

POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A
Skin Irritation, Category 3

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H316: Causes mild skin irritation.
H303: May be harmful if swallowed.

PRECAUTIONARY STATEMENT(S)

Prevention:

P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P233: Keep container tightly closed.
P102: Keep out of reach of children.
P273: Avoid release to the environment.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Purple liquid.

IMMEDIATE CONCERNS: Eye & Skin irritant

POTENTIAL HEALTH EFFECTS

EYES: Irritating, and may injure eye tissue if not removed promptly.

SKIN: Skin irritant with prolonged or repeated contact.

SKIN ABSORPTION: None Expected.

INGESTION: Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

INHALATION: Mist is irritating to nose, throat and lungs.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: None known.

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: No listed substance

MUTAGENICITY: None known.

MEDICAL CONDITIONS AGGRAVATED: Previous skin conditions such as dermatitis may be aggravated.

ROUTES OF ENTRY: Eye, skin, ingestion.

CANCER STATEMENT: None

SENSITIZATION: None known.

WARNING CAUTION LABELS: Irritant

PHYSICAL HAZARDS: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Octanesulfonate	1 - 5	5324-84-5
Ethoxylate Alcohol C9-11	1 - 5	68439-46-3
Diethylene Glycol Butyl Ether	1 - 5	112-34-5
Dye	< 0.1	N/A
Fragrance	< 0.5	N/A
Water	85 - 90	7732-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning sensation with tearing, redness.

SKIN: Prolonged contact will cause irritation marked by redness, burning sensation.

SKIN ABSORPTION: Not Established

INGESTION: Irritation of mouth, throat, along with stomach upset, vomiting.

INHALATION: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

ACUTE TOXICITY: Not Established

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable

GENERAL HAZARD: NA = Not Applicable

EXTINGUISHING MEDIA: Not required. Water based material.

FIRE FIGHTING PROCEDURES: Keep fire exposed containers cool with water stream or mist.

FIRE FIGHTING EQUIPMENT: No special requirements.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharges into open waterways.

LAND SPILL: Avoid discharge to soil.

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.

HANDLING: Wear eye protection, rubber gloves when handling concentrate.

STORAGE: Store in area inaccessible to children.

STORAGE TEMPERATURE: Store at ambient temperatures.

STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Diethylene Glycol Butyl Ether	TWA	10		35	NL
	STEL			NL	NL

ENGINEERING CONTROLS: Provide mechanical ventilation when used in confined areas, or areas with poor ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and full face-shield.

SKIN: Rubber or other chemical resistant gloves. Rubber boots of used on floors.

RESPIRATORY: A respirator is not needed under normal and intended conditions of product use.

PROTECTIVE CLOTHING: Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild citrus
ODOR THRESHOLD: Not Established
COLOR: Purple
pH: 11.0 to 12.0
PERCENT VOLATILE: >90
FLASH POINT AND METHOD: None
FLAMMABLE LIMITS: N/A
AUTOIGNITION TEMPERATURE: NA = Not Applicable
VAPOR PRESSURE: ≤ 20 mm Hg at 20°C (68°F)
VAPOR DENSITY: ≤ 1 Air = 1
BOILING POINT: 212° F; 100° C
FREEZING POINT: 32° F; 0° C
MELTING POINT: Not Available
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: (Water =1) 1.0
DENSITY: 8.40 at 20°C (68°F)
SPECIFIC GRAVITY: 1.007 grams/ml. at 20°C (68°F)
VISCOSITY: Water thin.
(VOC): None

10. STABILITY AND REACTIVITY

REACTIVITY: Stable
HAZARDOUS POLYMERIZATION: No
CONDITIONS TO AVOID: Not Established
POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Ethoxylate Alcohol C9-11	1400 mg/kg (rat)	> 5000 mg/kg (rat)	No data available
Diethylene Glycol Butyl Ether	~ 4500 mg/kg (rat)	~ 2764 mg/kg (rabbit)	

EYES: Not Established
DERMAL LD₅₀: Not Established
SKIN ABSORPTION: None Expected.
ORAL LD₅₀: Not Established
INHALATION LC₅₀: Not Established
EYE EFFECTS: Moderate to severe eye irritant.
SKIN EFFECTS: Moderate skin irritant.

CARCINOGENICITY**IARC:** No listed substance**IRRITATION:** Irritant**SENSITIZATION:** No known significant effects or critical hazards.**NEUROTOXICITY:** No known significant effects or critical hazards.**GENETIC EFFECTS:** No known significant effects or critical hazards.**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.**TARGET ORGANS:** Not Established**MUTAGENICITY:** No known significant effects or critical hazards.**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Not Established**ECOTOXICOLOGICAL INFORMATION:** Not Established**BIOACCUMULATION/ACCUMULATION:** Not Established**AQUATIC TOXICITY (ACUTE):** Not Established**CHEMICAL FATE INFORMATION:** Not Established**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.**PRODUCT DISPOSAL:** See above.**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Cleaning Compound, not regulated.**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Cleaning Compound, not regulated.**AIR (ICAO/IATA)****SHIPPING NAME:** Cleaning Compound, not regulated.**VESSEL (IMO/IMDG)****SHIPPING NAME:** Cleaning Compound, not regulated.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Health - Acute**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**313 REPORTABLE INGREDIENTS:** No listed substance**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
Diethylene Glycol Butyl Ether	1 - 5	112-34-5

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: NA = Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: NA = Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

CALIFORNIA PROPOSITION 65: None

CARCINOGEN: No listed substance

16. OTHER INFORMATION

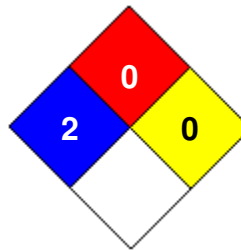
PREPARED BY: Regulatory Affairs Department

Date Prepared: 05/19/2015

HMIS RATING

HEALTH		2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		D

NFPA CODES



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