

## MATERIAL SAFETY DATA SHEET

### August 20, 2004

#### 1. PRODUCT AND SUPPLIER INFORMATION

Product Name: "Why Not?"	MSDS Number:	NAFE WN
Product Number: N/A	Publication Date:	Aug. 20, 2004
Product Synonyms: None	Replaces:	New
Chemical Family or Formula: Water-based turnout gear cleaner and laundry detergent		
Supplier: North America Fire Equipment Co., Inc. 1515 West Moulton Street Decatur, AL 35601	Phone: 800-628-6233	Fax: 256-355-0852
	Email:	<a href="mailto:info@nafeco.com">info@nafeco.com</a>

Product Information: 800-628-6233

Transportation Emergency: N/A

Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.

#### 2. HAZARDS IDENTIFICATION

OSHA Hazard Classification: Eye irritation hazard  
 Routes of entry: Inhalation, Skin Contact, Ingestion  
 Chemical Interactions: None known

#### Hazard Category Classifications and Ratings

Hazard Categories	HEALTH	FIRE	PRESSURE	REACTIVITY	
Immediate	Yes	No	No	No	<i>Reference 49 CFR 171.8, OSHA 29 CFR 1910, 1200 and SARA 302/311/312/313.</i>
Delayed	No	No	No	No	
HMIS Hazard Ratings: Health: 1 Fire: 0 Instability: 0 Others: B (Goggles/Gloves)					
NFPA 704 Hazard Ratings: Health: 1 Flammability: 0 Reactivity: 0 Special: N/A					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

**Notice:** *HMIS and NFPA ratings involve the subjective evaluation of the hazardous aspects of individual components and can differ between preparers. They are intended and useful only as a rapid, general indication of the approximate magnitude of the specific hazards rated.*

#### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

CAS #	SARA 313	Material or Component	%	RQ#	Exposure Limits		
					TWA*	STEL*	WEEL*
5131-66-8	No	Propylene glycol butyl ether (PNB)	<10	None	100ppm	150ppm	NE
34590-94-6	No	Dipropylene glycol methyl ether (DPM)	<10	None	NE	NE	NE

Product also contains non-regulated detergents which can contribute to eye and skin irritation.

No component is listed in the "Threshold and Biological Exposure Indices for 2004" from ACGIH except as noted\* above. Components in Title III Sec. 313 (ECPRA) are indicated by "YES" above. "NE" – Not Established; TWA\*–Time Weighted Average; STEL – Short Term Exposure Limit; WEEL–Workplace Employee Exposure Level. A1=Confirmed Human Carcinogen; A2= Suspected Human Carcinogen; A3=Not Classifiable as a Human Carcinogen; A4=Not Classifiable as a Human Carcinogen; A5=Not Suspected as a Human Carcinogen. BEI=Indicates that a Biological Exposure Limit exists for this material.

**MATERIAL SAFETY DATA SHEET**  
**August 20, 2004****4. FIRST AID**

Inhalation: Keep patient warm. Seek immediate medical advice. Remove individual to fresh air. If not breathing, give artificial respiration or oxygen as appropriate.

Skin Contact: Flush skin thoroughly with soap and water. Rinse thoroughly.

Eyes: Immediately flush eyes with water while eyelids apart. Seek immediate medical advice.

Ingestion: Seek immediate medical advice. Never give anything by mouth to an unconscious person. Symptoms may include nausea and intestinal disorders>

**5. FIRE FIGHTING MEASURES**

Flammability Summary: Not Flammable

Fire/Explosion Hazards:

Extinguishing Media: Use extinguishing media appropriate to the main source of the fire. Do not allow contaminated water to enter sewers or waterways.

Firefighting Instructions: Product will not participate in the fire unless its water has previously evaporated.

Hazardous Combustion Products: Oxides of carbon formed if products is dried and burned.

**6. ACCIDENTAL RELEASE MEASURES**

## Personal Protection for Emergency Situations:

Evacuate the area of all unnecessary personnel.

Contain the release and eliminate its source if this can be done safely.

Wear protective clothing. Keep unprotected persons away from spill

## Spill Mitigation Procedures

Air Release: Not a hazard

Water Release: Contained all liquid for treatment and/or disposal as a (potential) hazardous waste. Notify all downstream users of possible contamination.

Land Release: Create a dike or trench to contain materials. Absorb spill with inter materials (e.g., dry sand, clay, earth or commercial absorbent), then place in a chemical waste container. Decontaminate all clothing and the spill area using a detergent and flush with large amounts of water. Contain all contaminated water for reclaim, disposal and/or treatment.

## Additional Spill Information:

Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residues per guidelines under Section XIII, Disposal Considerations.

**7. HANDLING AND STORAGE**

Handling: Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash with water.

Storage: Keep container tightly closed.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Ventilation: General exhaust ventilation is usually sufficient for general worker safety and comfort.

Respirator Type: Not generally required.

Skin: Wear impervious gloves (e.g., butyl rubber) for prolonged exposure. Follow good industrial hygiene.

Eyes: Use chemical safety glasses with side shields or safety goggles where splashing is possible

Protective Clothing Type: Not generally required.

**MATERIAL SAFETY DATA SHEET**

August 20, 2004

**9. PHYSICAL AND CHEMICAL DATA**

Physical State:	Liquid	Explosive Limits:	
Color:	Clear blue	Lower:	Not Applicable
Odor:	Fresh, "outdoors"	Upper:	Not Applicable
Molecular Weight:	Not Applicable	Flash Point:	Not Applicable
pH (@ 25° Celsius):	8.0; Slightly Alkaline	Octanol/Water Coeff:	No Data
Solubility in Water:	Complete	Bulk Density:	Not Applicable
Specific Gravity:	>1		
Vapor Density (Air=1):	Not Determined		
Vapor Pressure (@ 25° Celsius):	Not Determined		
Evaporation Rate (Butyl Acetate=1):	Not Determined		
VOC gm/l:	105 approximately		
Volatiles % by volume:	Not determined		
Boiling Point:	Not determined		
Freezing Point:	Not determined		

**10. STABILITY AND REACTIVITY**

Stability and Reactivity Summary:	Stable under normal conditions.
Reactive Properties:	
Sensitivity to mechanical shock:	None
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None Known
Chemical Incompatibility:	None Known
Incompatible materials:	None Known
Hazardous Decomposition Products:	CO; CO2
Decomposition Temperature:	No Data
Product may be unstable at temperatures above:	No Data

**11. TOXICOLOGICAL INFORMATION**

Component Animal Toxicology	PNB	DPM
Oral LD50 Value, mg/kg:	Rats: 2612-5500 (male)	5.4 ml/kg
Dermal LD50 value, mg/kg:	Rats: >2000	>20 ml (rabbits)
Inhalation LC50 Value:	No Data	
Product Animal Toxicity	No Data	
Skin Irritation:	This material is expected to be slightly irritating to the skin and mucous membranes.	
Eye Irritation:	This material is expected to be moderately to severely irritating.	
Reproductive and Developmental Toxicity:	No reproductive or developmental risk to humans is expected from exposure to this product.	
Component Data:	As indicated.	
Mutagenicity:	Invitro genetic studies	Negative Negative
Carcinogenicity:	No component is known or reported to be carcinogenic by any reference source including IARC, EPA, OSHA, NTP or ACGIH.	

**12. ECOLOGICAL INFORMATION**

Ecological Toxicity Values:	Intended use of this product entails release to a water treatment facility (POTW).
Environmental Fate:	No information found. Ingredients are biodegradable.
Environmental Toxicity:	No information found. Ingredients are not considered environmentally hazardous.

