WALTER E. NELSON COMPANY

LAUNDRY EMUSIEIR

Description:

LAUNDRY EMULSIFIER laundry emulsifier detergent contains a blend of nonionic and anionic surfactants and fluorescent whitening agents. LAUNDRY EMULSIFIER is a highly effective blend that is superior in emulsifying petroleum, food and body oils. LAUNDRY EMULSIFIER is versatile and can be used as a spotter and a presoak. LAUNDRY EMULSIFIER will remove oil and grease from cotton and polyester cotton blends. Contains anti-redeposition agents which keeps soil from re-depositing on wash. LAUNDRY

EMULSIFIER is designed to assist detergents and alkalis in removing oil and grease from white of colored work.



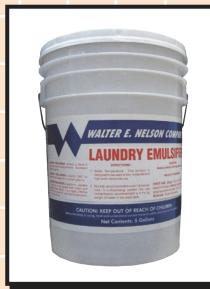
Water Temperature: This product is designed to be used at low, moderate and high wash temperatures ranging from 120°F - 140°F.

Normal use concentrations: In a dispensing systems the use concentration is recommended @ 0.15% by weight of water in the wash tank.

Available Packages:

- √ 12x1 Quart Bottles
- √ 5 Gallon Pail
- √ 15 Gallon Drum





TECHNICAL DATA

Form: Liquid Fragrance: Fresh

Color: Straw

pH Conc.: 7.0 - 9.0 Viscosity: <200 cps

Foam: Low

Chlorine: No

Biodegradable: Yes

Phosphates: No

Density: 8.42 lbs/gal



Walter E. Nelson Co. Corporate Portland, OR 97217 (503) 285-3037 Coastal Paper & Supply North Bend, OR 97459 (541) 756-6770 Crown Paper & Janitorial Supply Walla Walla, WA 99362 (509) 529-4561 Walter E. Nelson Seattle Branch Kirkland, WA 98034 (425) 814-2665

Walter E. Nelson Eugene Branch Eugene, OR 97402 (541) 344-0651 Astoria Janitor & Paper Supply Co. Astoria, OR 97103 (503) 325-6362 Barco Supply Klamath Falls, OR 97601 (541) 884-9064 - (800) 642-2571 Juniper Paper & Supply Bend, OR 97702 (541) 312-4070 Walter E. Nelson Spokane Branch Spokane, WA 99202 (509) 755-0870



WALTER E. NELSON CO. **MATERIAL SAFETY DATA SHEET** LAUNDRY EMULSIFIER

Date Prepared: 06-24-2002 By Charles D. Werner

	Date P.	repared:06-24	1-2002_By Charles D. Werne
SECTION 1 - PRODUCT IDENTIFICATION			
Distributor Name: WALTER E. NELSON CO.	Emergency Phone No: 1-800-228-5635 ext. 059		
Address: 5937 N. CUTTER CIRCLE, PORTLAND OR 97217			
Trade Name: LAUNDRY EMULSIFIER	Product Type: Laundry detergent emulsifier		
Product codes: FLLLEMXX			
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	EXPOSURE LIMITS (Source)
Isopropyl Alcohol	67-63-0	< 8	400 PPM PEL (OSHA)
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present			
This product may contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.			
SECTION 3 - PHYSICAL DATA			
Boiling Point: (F) 212	Specific Gravity: (H2O = 1.0) 1.0 pH: 7.0-9.0		
Vapor Pressure: (mmHg) Not Determined	Vapor Density: Heavier than air		
Solubility In Water: Completely miscible			
Evaporation Rate (Vs ether) Slower			
Appearance and Odor: Liquid, viscous, STRAW color and pleasant fragrance			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): NONE			
Extinguishing Media: nonflammable and nonexplosive No special procedures required.			
Special Fire Fighting Procedures: none required.			
Unusual Fire and Explosion Hazards: NOTHING SPECIAL.			
SECTION 5 - REACTIVE DATA			
Stability: Stable Incompatibility: nonreactive.			
Hazardous Decomposition Products: none			
SECTION 6 - HEALTH HAZARDS			
Threshold Limit Value - Product (See Section 2 for Ingredient TLV) None Es			
Primary Routes of Exposure: Eye - yes Skin-No Oral-yes	Inhalation-no	Other	
Signs and Symptoms of Over-exposure (Acute): EYES: Contact with concentrate will irritate the eyes.			
Signs and Symptoms of Over-exposure (Chronic): Undetermined			
Medical Conditions Aggravated by Over-exposure: none known			
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO	OSHA - NO)	NONE
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids	open. Get medical attenti	on.	

Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.

Ingestion: If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Drink 1 to 8 glasses of water or milk to dilute. Call physician or poison control center immediately, Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.

Inhalation: Get to fresh air.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: not normally required

Ventilation Requirements: Adequate ventilation required.

Eye Protection: Not normally required. Recommended if used overhead or misting or spraying. Protective Gloves: not normally required.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Rinse with water into sanitary sewer system.

Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: nothing special is required. do not mix chemicals. Keep container tightly closed when not in use.