

WENMIX #6



H.D. CLEANER

All Purpose Heavy Duty Cleaner



H.D. CLEANER is a all purpose, heavy duty, butyl degreaser. **H.D. CLEANER** emulsifies grease and grime in the tough jobs. Excellent for use in kitchens and restaurants. Can be used for cleaning and grease removal from walls, floors and equipment. Quickly cuts through food soils.

DIRECTIONS FOR USE:

LIGHT SOIL, WALLS, WOODWORK: Dilute 1:43 - Spray and wipe surface with cloth.

KITCHENS: Dilute 1:8 to 1:16 - Use to clean vent hoods, fans, blowers, appliances, burners, etc. Always rinse.

FLOOR CLEANING: Can be used as a top scrub prior to recoating, use 1:64. Apply, scrub, rinse. For unwaxed, heavily soiled floors, dilute 1:16. Apply, scrub with machine, remove and rinse.

MISCELLANEOUS: Use various dilutions to remove lipstick, crayon, blood stains, black heel marks. Removes stains from carpets. Wonderful on white sidewall tires and vinyl upholstery in cars, and as a pre-spotter for heavily soiled laundry.

Spray Bottle 1 GPM	Knight KP1H Flex-Gap
1:16	BLUE TIP
1:43	PURPLE TIP
Floor Cleaning 4 GPM	PURPLE TIP
1:128	

NOTE: The tips in your model may be different. Refer to your owners manual for tip selection.



Closed loop chemical containment system eliminates drips, leaks and mess. Each bottle contains a WENMIX valve and can only be dispensed through a WENMIX system.

Before handling or using, read & understand Material Safety Data Sheet for this material.

Form: Liquid
Color: Red
pH: 12.5 - 13.0
Specific Gravity @ 75F: 1.061
Density @ 75F: 8.83 lbs/Gallon
Freeze Thaw Stable: 3 Cycles
DOT Hazardous: No



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

WENMIX #6 HD CLEANER

Heavy Duty Cleaner & Degreaser

Date Prepared: 5-12-04 By Charles D. Werner

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: WENMIX #6 HD CLEANER	Product Type/use Concentrated Cleaner Degreaser
Product Code: FLIHDCRX	Formula:

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name:	CAS NO.	PERCENT	TLV/PEL
Monoethanolamine	141-43-5	< 5	20 ppm TWA
Anionic/ Nonionic Surfactant Blend LD ₅₀ (oral-rat) > 5000 mg/kg		5 - 10	NE
Sodium Metasilicate LD ₅₀ (oral-rat) 600 mg/kg,	6834-92-0	< 5	
Dipropylene Glycol Methyl Ether	34590-94-8	5 - 10	

No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present

SECTION 3 - PHYSICAL DATA

Boiling Point: (F) 212 (100 C) Freezing Point 32 F (0 C)	Specific Gravity: (H ₂ O = 1.0) 1.06	pH: 12.5 - 13.50
Vapor Pressure: (mm/Hg) Not determined	Vapor Density: Heavier than air	
Solubility In Water: Complete		
Evaporation Rate (Vs ether) Slower		

Appearance and Odor: Liquid, non-viscous, Red color, pleasant fragrance Odor Threshold: Not available

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): NONE
Extinguishing Media: non-flammable and non-explosive. No special procedures required.
Special Fire Fighting Procedures: none required.
Unusual Fire and Explosion Hazards: NOTHING SPECIAL.

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: Oxidizers
Hazardous Decomposition Products: none	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure: Eye - yes Skin-YES Oral-yes Inhalation-yes Other
Signs and Symptoms of Over-exposure (Acute):) EYES: Liquid and mists are irritating to the eye. INHALATION: Undiluted vapors may irritate the respiratory tract. Inhalation of higher concentrations may cause headaches. SKIN: Brief contact with concentrate will irritate the skin, but this irritation is reversible. Prolonged exposure may burn the skin. INGESTION: Liquid and vapors are corrosive to the mouth and throat. Swallowing the liquid burns the tissues, and may cause abdominal pain, nausea, or vomiting
Chronic Health Hazards: In animals, excessive overexposure to this glycol ether has shown effects on the liver, kidneys and red blood cells.
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders; impaired respiratory function may more susceptible to effects.
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 attention.
Skin: Flush skin with water until no longer slippery. Remove contaminated clothing & shoes. Wash before reuse.
Ingestion: DO NOT INDUCE VOMITING. 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 to keep exposure under TLV/PEL.
Protective Gloves: Recommended.	Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.

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, where available. KEEP PRODUCT OUT OF SURFACE WATERS AND SOIL.
Waste Disposal Methods: Note that the contaminates of the product must be considered 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. This product is non-hazardous for storage and transport according to DOT/TDG regulations. Keep container tightly closed when not in use.
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