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MATERIAL SAFETY DATA SHEET

No. 180

DryWash Concentrate	CAS # propriety mixture
TRADE NAME AND SYNONYMS Environmentally Hazardous Substance, Liquid, N.O.S (D.O.T.)	DOT I.D. No.: UN 3082
CHEMICAL NAME AND SYNONYMS Antistatic agent containing detergents and odorants; a propriety mixture	DOT Hazard Class: Class 9, Packing Group III
ISSUE DATES AND REVISIONS April 1999	Formula propriety mixture
	Chemical Family: pressurized propriety mixture of odorized alcohols & detergents

HEALTH HAZARD

<p>TIME WEIGHTED AVERAGE EXPOSURE LIMIT TWA: Ceiling Value = 25 PPM (ACHIH 1998). OSHA, 1998 does not list a PEL (8Hr. TWA) or a Ceiling Value for this mixture; how ever, OSHA 1910.1200, (C) considers this mixture a hazardous chemical</p>
<p>SYMPTOMS OF EXPOSURE Inhaling the vapor from this mixture may cause respiratory tract irritation and discomfort in nose and throat. Prolonged inhalation could cause coughing and nasal discharge. Vapors may irritate the eyes causing discomfort and lachrymation. Skin contact can cause irritation leading to redness after extended contact.</p>
<p>TOXICOLOGICAL PROPERTIES No adverse effects have been shown in humans LD₅₀ (oral rat) = 400mg/kg LD₅₀ (dermal rabbit) = 13,000 mg/kg Neither the mixture or its inert pressurizing media are listed in the IARC, NTP or by OSHA as a carcinogen or potential carcinogen. Persons in ill health where such illness would be aggravated by exposure to this mixture should not be allowed to work with or handle this product.</p>
<p>RECOMMENDED FIRST AID TREATMENT PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO THIS MIXTURE. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND BE COGNIZANT OF EXTREME FIRE AND EXPLOSION HAZARD. <u>Inhalation:</u> Conscious persons should be assisted to an uncontaminated area and inhale fresh air. <u>INGESTION:</u> Remove the mixture from the digestive system as rapidly as possible. induce vomiting or use a gastric lavage. One to three percent sodium bicarbonate solution in the lavage solution has bee recommended <u>SKIN OR EYE CONTACT:</u> Flush affected areas with copious quantities of water. Part eye-lids with fingers to insure complete flushing</p>

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 Since the Company shall have no control of the use of the product described herein, the Company assumes no liability for loss or damage incurred from the proper or improper use of such product.

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	
None	
PHYSICAL DATA	
BOILING POINT <212°F (<100°C)	LIQUID DENSITY AT BOILING POINT Specific Gravity 20/4 = approx. 0.95
VAPOR PRESSURE @ 68°F (20°C) = 0.2 psia (1.4 kPa)	GAS DENSITY AT 70°F, 1 atm N/A Liquid
SOLUBILITY IN WATER Soluble	FREEZING POINT <-60°F (-50°C)
EVAPORATION RATE (Butyl Acetate = 1) <1	SPECIFIC GRAVITY (AIR=1) N/A Liquid
APPEARANCE AND ODOR Colorless, orderless gas	

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 190°F (88°C)	AUTO IGNITION TEMPERATURE Not determined	FLAMMABLE LIMITS % BY VOLUME (See Page 4) LE Not determined UEL Not determined
EXTINGUISHING MEDIA Water, spray, carbon dioxide, dry chemical.		ELECTRICAL CLASSIFICATION In accordance with codes
SPECIAL FIRE FIGHTING PROCEDURES Do not use a stream of water since this will spread the flammable liquid.		
UNUSUAL FIRE AND EXPLOSION HAZARDS None		

REACTIVITY DATA

STABILITY Unstable		CONDITIONS TO AVOID None
Stable	X	
INCOMPATIBILITY (Materials to avoid) None		
HAZARDOUS DECOMPOSITION PRODUCTS Carbon Monoxide		
HAZARDOUS POLYMERIZATION May Occur		CONDITIONS TO AVOID None
Will Not Occur	X	

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Evacuate all personnel from affected area. Use appropriate protective equipment. Be cautious of extremely slippery surfaces where spill occurred. Adsorb on high surface area compound such as Vermiculite, or if small quantity flush away with plenty of water.
WASTE DISPOSAL METHOD Follow all local, state and federal requirements.

