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MSDS NO.: 6946
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 1. PRODUCT NAME & HAZARD SUMMARY

6946 All Temperature Detergent

DETERGENT FOR ALL CASUAL WEAR & HOUSEHOLD WASHABLES

PRIMARY USE: LAUNDRY DETERGENT

NFPA HAZARD	RATING	SARA TITLE III, SECTION 313	CANADA (WHMIS)
HEALTH	1 SLIGHT	APPLICABLE ()	D2: CAUSING OTHER TOXIC EFFECTS
FIRE	0 MINIMAL	NOT APPLICABLE (X)	
REACTIVITY	0 MINIMAL		

 2. HAZARDOUS COMPONENTS

%	OSHA (PPM)	ACGIH (PPM)	LD 50 (MG/KG)
	PEL	TWA	STEL

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

 3. PHYSICAL & CHEMICAL DATA

APPEARANCE: CLEAR TO HAZY WHITE LIQUID	EVAPORATION RATE (ETHER =1): EQUAL TO WATER
ODOR: PERFUMED	VAPOR DENSITY (AIR = 1): N.AP.
BOILING PT: 212°F (100°C)	VAPOR PRESSURE (MM): N.AP.
FREEZING PT: <32°F(0°C)	SOLUBILITY IN WATER: COMPLETE
pH: 8.0 - 9.0	SPECIFIC GRAVITY (WATER = 1):1.04
% VOLATILE: >50%.	CO-EFFICIENT OF WATER/OIL DIST: N.AV.
ODOR THRESHOLD (PPM): N.AV.	

 4. FIRE & EXPLOSION HAZARDS

FLASH POINT: None
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: N.AP.
 FIRE FIGHTING MEDIA (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5): Dry chemical, CO₂, water or foam spray.
 SPECIAL FIRE-FIGHTING PROCEDURES:Wear self-contained breathing apparatus.
 UNUSUAL FIRE & EXPLOSION: None
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Phosphorus
 CONDITIONS OF FLAMMABILITY: High heat and sources of ignition
 AUTO IGNITION TEMP (°C): N.AP.
 EXPLOSION DATA, SENSITIVITY TO MECHANICAL IMPACT: N.AP.
 SENSITIVITY TO STATIC DISCHARGE: N.AP.

 5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release Oxides of Carbon, Phosphorus
 HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID): Will not occur

 6. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION_____ SKIN_X_____ INGESTION_____

WARNING! MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. MAY BE HARMFUL IF SWALLOWED.

SIGNS & SYMPTOMS OF EXPOSURE: (ACUTE & CHRONIC)

EYES: Liquid and vapors may cause irritation.
 SKIN: Prolonged contact may cause defatting of the skin which can lead to irritation and dermatitis.
 INGESTION: of a large dose may cause abdominal pain, nausea and vomiting.
 INHALATION: Low hazard unless heated or misted.
 IRRITANCY OF PRODUCT: Minimal
 SENSITIZATION TO PRODUCT: N.AV.
 CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY: N.AV.
 TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N.AV.

6. HEALTH HAZARD DATA (cont'd)

EMERGENCY & FIRST AID PROCEDURES:

EYES: Remove contact lenses, if worn. Flush with water for at least 15 minutes. Call a physician.

SKIN: Flush with water. Remove contaminated clothing, wash affected area with soap and water. Get medical help if any symptoms occur.

INHALATION: Remove to fresh air.

INGESTION: Give large amounts of water, then induce vomiting. Get medical attention.

7. SPILL & LEAK PROCEDURES

Remove sources of ignition.

LARGE SPILLS: Contain and transfer to drums for use or disposal.

SMALL SPILLS: Absorb onto rags. Clean rags in cleaning unit.

WASTE DISPOSAL METHOD: May be considered a hazardous waste, dispose of according to all applicable regulations.

Incineration in permitted facilities or disposal in permitted land fill are preferred disposal methods.

HANDLING PROCEDURES & EQUIPMENT: Avoid direct contact.

STORAGE REQUIREMENTS: Keep away from strong oxidizers.

8. SPECIAL PROTECTION, PREVENTATIVE MEASURES/IN CASE OF LARGE SPILL OR FIRE

ENGINEERING CONTROLS/VENTILATION: Normal room ventilation

RESPIRATOR: THE FOLLOWING RESPIRATORS ARE RECOMMENDED & RANKED IN ORDER FROM MIN. TO MAX. PROTECTION:

CHEMICAL CARTRIDGE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE WITH A FULL FACE PIECE

GAS MASK WITH ORGANIC VAPOR CANISTER WITH A FULL FACE PIECE

TYPE "C" SUPPLIED-AIR RESPIRATOR WITH FULL FACE PIECE

SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND

PERSONAL PROTECTIVE EQUIPMENT: Wear goggles when handling product.

9. TRANSPORTATION DATA

DOT HAZARD CLASSIFICATION 49 CFR 172.101: None, not regulated

DOT LABEL: None

U.N./I.A.T.A.: Not regulated

10. STATE RIGHT TO KNOW INFORMATION

WATER-C.A.S. #7732-18-5, Alkyl Polyglucoside #C10-16 C.A.S. #110615-47-9, Alkyl Polyglucoside #C8-10 C.A.S.#68515-73-1, TETRAPOTASSIUM PYROPHOSPHATE-C.A.S. #7320-34-5, Hexylene Glycol C.A.S. #107-41-5

ABBREVIATIONS:

OSHA: Occupational Safety & Health Administration

TWA: Time Weighted Average for 8 Hours

Mg/M³: Milligrams per Cubic Meter of Air

NFPA = National Fire Protection Agency

(C): Ceiling, Limit for Exposure

DOT = Department of Transportation

MG/KG = Milligrams per Kilogram (1,000 grams)

WHMIS = Workplace Hazardous Materials Information System - Canada

ACGIH = American Conference of Government Industrial Hygienists

R.Q. = Amount of spill that must be reported to EPA

SARA Title III, SEC 313 = Superfund Amendments and Reauthorization Act

C.A.S. = Chemical Abstract Service Number

LD 50 = Lethal Dose for 50% Test Animals

PEL = Permissible Exposure Level

STEL = Short Term Exposure Level (15 min)

ppm = part(s) per million

SKN = Skin Effects

IATA = International Air Transport Association

N.A.V. = Not Available

N.AP. = Not Applicable

U.N. = United Nations

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