

MATERIAL SAFETY DATA SHEET

FABRITEC INTERNATIONAL
 1157 INDUSTRIAL ROAD
 COLD SPRING, KY 41076
 EMERGENCY CONTACT: HAROLD E. MAINS (859) 781-8200
 CHEMTREC ASSISTANCE: (800) 262-8200 (U.S.A. & CANADA)

MSDS NO: 6946
 DATE: April 2010
 PAGE: 1 OF 2

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, and 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 fills 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 CFR172.101: 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.A.P. = Not Applicable

U.N. = United Nations

WE CANNOT ANTICIPATE ALL CONDITIONS UNDER WHICH THIS INFORMATION AND OUR PRODUCTS, OR THE PRODUCTS OF OTHER MANUFACTURERS IN COMBINATION WITH OUR PRODUCTS, MAY BE USED. WE ACCEPT NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION OR THE SAFETY AND SUITABILITY OF OUR PRODUCTS, EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS. WE SELL THE PRODUCTS WITHOUT WARRANTY, AND BUYERS AND USERS ASSUME ALL RESPONSIBILITY AND LIABILITY FOR LOSS OR DAMAGE ARISING FROM THE HANDLING AND USE OF OUR PRODUCTS, WHETHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS.