

MATERIAL SAFETY DATA SHEET

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1. PRODUCT NAME & HAZARD SUMMARY

6947 Fabric Finish

PRIMARY USE: SPECIAL BLEND CONDITIONER FOR COTTON BLENDS & CASUAL WEAR

NFPA HAZARD	RATING	SARA TITLE III, SECTION 313	CANADA (WHMIS)
HEALTH	1 SLIGHT	APPLICABLE ()	D2: CAUSING OTHER TOXIC EFFECTS
FIRE	2 MODERATE	NOT APPLICABLE (X)	B: FLAMMABLE, COMBUSTIBLE
REACTIVITY	0 MINIMAL		

2. HAZARDOUS COMPONENTS

	%	OSHA (PPM)	ACGIH (PPM)	LD 50 (MG/KG)	
ISOPROPYL ALCOHOL	<10	PEL 400	TWA 400	STEL 500	3,700 ORAL-RAT

C.A.S. #67-63-0

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: CLEAR WHITE TO YELLOW 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: 4.5 -5.5	SPECIFIC GRAVITY (WATER = 1): 1.00
% VOLATILE: 75-80%	CO-EFFICIENT OF WATER/OIL DIST: N.AV.
ODOR THRESHOLD (PPM): N.AV.	

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: 104°F (41°C)
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: 12.70 (ISOPROPYL ALCOHOL)
 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 Carbon
 CONDITIONS OF FLAMMABILITY: N.AP.
 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
 HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID): Will not occur

6. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION X 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: Remove contaminated clothing, wash affected area with soap and water. Get medical help if symptoms occur.

INHALATION: Remove to fresh air.

INGESTION: Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head below knees to prevent aspiration into lungs.

 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 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: Combustible liquid not regulated for ground shipments

DOT LABEL: None

U.N./I.A.T.A.: Class 3, PKG. Group: III

 10. STATE RIGHT TO KNOW INFORMATION

WATER-C.A.S. #7732-18-5, VINYL ALCOHOL POLYMERS-C.A.S. #90002-89-5,

VINYL ACETATE/VINYLPYRROLIDONE COPOLYMER-C.A.S. #67892-37-9, SILICONE SURFACTANT-C.A.S. # (None),

ISOPROPYL ALCOHOL-C.A.S. #67-63-0

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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