

MATERIAL SAFETY DATA SHEET

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1. PRODUCT NAME & HAZARD SUMMARY

6742 SPOL ALL-PURPOSE WET/DRY SPOTTER
 PRIMARY USE: STAIN REMOVER

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

2. HAZARDOUS COMPONENTS

	%	OSHA (PPM)	ACGIH (PPM)	LD 50 (MG/KG)
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		PEL	TWA	STEL
HEXYLENE GLYCOL	≤10.0	N.AV.	25 (C)	3,700 ORAL-RAT
C.A.S. #107-41-5				
AMYL ACETATE	≤20.0	100	100	150
C.A.S. #628-63-7				N.AV.

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: CLEAR TO SLIGHTLY HAZY	EVAPORATION RATE (ETHER = 1): EQUAL TO WATER
ODOR: BANANA OIL	VAPOR DENSITY (AIR =1): >1
BOILING PT.: 165°F (68°C)	VAPOR PRESSURE (MM): 4 (68°F)
FREEZING PT.: -24°F (-33°C)	SOLUBILITY IN WATER: 80%
pH: N.AP.	SPECIFIC GRAVITY (WATER = 1): 0.98
% VOLATILE: 90%	CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N.AV.
ODOR THRESHOLD (PPM): N.AV.	

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: ≥ 105°F (40°C)
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: 1.1%, UEL = 7.5% for Amyl Acetate
 FIRE FIGHTING MEDIA (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.5): Dry chemical, CO₂, water spray or alcohol foam.
 SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION: None
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon
 CONDITIONS OF FLAMMABILITY: N.AV.
 AUTO IGNITION TEMP. (°C): N.AV.
 EXPLOSION DATA: - SENSITIVITY TO MECHANICAL IMPACT: N.AP.
 SENSITIVITY TO STATIC DISCHARGE: N.AV.

5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, caustic material, acids and nitrates
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release Carbon Monoxide
 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 and narcosis.
 INGESTION: of a large dose may cause abdominal pain, nausea and vomiting.

6. HEALTH HAZARD DATA (cont'd)

 INHALATION: May cause irritation of throat, dizziness, headache, nausea and vomiting.
 IRRITANCY OF PRODUCT: N.AV.
 SENSITIZATION TO PRODUCT: N.AV.
 CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY: N.AV.
 TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N.AV.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Remove contact lenses, if worn. Flush with water for at least 15 min. Call a physician.
 SKIN: Remove contaminated clothing, wash affected area with soap and water. Get medical help if any symptoms occur.
 INHALATION: Remove to fresh air. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Get medical attention immediately.
 INGESTION: Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration into lungs.

7. SPILL AND LEAK PROCEDURES

 LARGE SPILLS: Contain and transfer to drums for use or disposal.
 SMALL SPILLS: Absorb onto rags and 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. Wear a respirator.
 STORAGE REQUIREMENTS: Keep away from high heat sources, oxidizers, caustic.

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

 ENGINEERING CONTROLS/VENTILATION: Local exhaust system sufficient to maintain exposure below TWA values.

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: Combustible liquid, not regulated for ground shipments.
 DOT LABEL: None
 U.N./IATA: 3 PKG. GROUP: III

10. STATE RIGHT TO KNOW INFORMATION

 WATER-C.A.S. #7732-18-5, AMYL ACETATE-C.A.S. #628-63-7, DIOCTYL SODIUM SULFOSUCCINATE-C.A.S. #577-11-7,
 HEXYLENE GLYCOL-C.A.S. #107-41-5, ETHOXYLATED ALCOHOL-C.A.S. #34398-01-1

ABBREVIATIONS:

OSHA = Occupational Safety & Health Administration	C.A.S. = Chemical Abstract Service Number
TWA = Time Weighted Average for 8 Hours	LD 50 = Lethal Dose for 50% Test Animals
Mg/M ³ = Milligrams per Cubic Meter of Air	PEL = Permissible Exposure Level
NFPA = National Fire Protection Agency	STEL = Short Term Exposure Level (15 min)
(C) = Ceiling, Limit for Exposure	ppm = part(s) per million
DOT = Department of Transportation	SKN = Skin Effects
MG/KG = Milligrams per Kilogram (1,000 grams)	IATA = International Air Transport Association
WHMIS = Workplace Hazardous Materials Information System - Canada	N.AV. = Not Available
ACGIH = American Conference of Government Industrial Hygienists	N.AP. = Not Applicable
R.Q. = Amount of spill that must be reported to EPA	U.N. = United Nations
SARA Title III, Sec. 313 = Superfund Amendments and Reauthorization Act	

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