

MATERIAL SAFETY DATA SHEET

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1. PRODUCT NAME & HAZARD SUMMARY

6738 P.O.G., PAINT, OIL, GREASE REMOVER FOR DRYCLEANING & LAUNDRY USE
 PRIMARY USE: SPOT REMOVAL

NFPA HAZARD	RATING	SARA TITLE III, SECTION 313	CANADA (WHMIS)
HEALTH	3 HIGH	APPLICABLE ()	B: FLAMMABLE, COMBUSTIBLE
FIRE	2 MODERATE	NOT APPLICABLE (X)	D2: CAUSING OTHER TOXIC EFFECTS
REACTIVITY	0 MINIMAL		

2. HAZARDOUS COMPONENTS

	% OSHA (PPM)	ACGIH (PPM)	LD 50 (MG/KG)
AROMATIC HYDROCARBON C.A.S. #64742-94-5	≤28.0 N.AV.	PEL 10	TWA 15 STEL N.AV.
DIPROPYLENE GLYCOL MONOMETHYL ETHER C.A.S. #34590-94-8	≤29.0 N.AV.		N.AV. N.AV. N.AV.
ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE C.A.S. #112-07-2	≤ 5.0 N.AV.		N.AV. N.AV. N.AV.
PRIMARY AMYL ACETATE C.A.S. #628-63-7	≤ 3.0 100	100	N.AV. N.AV.

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: WATER WHITE LIQUID	EVAPORATION RATE (H ₂ O = 1): 1.0
ODOR: FRUITY	VAPOR DENSITY (AIR = 1): N.AV.
BOILING PT.: >300°F (149°C)	VAPOR PRESSURE (MM): N.AV.
FREEZING PT.: N.AV.	SOLUBILITY IN WATER: COMPLETE
pH: NOT APPLICABLE	SPECIFIC GRAVITY (WATER = 1): 0.95
% VOLATILE: 65%	CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N.AV.
ODOR THRESHOLD (PPM): N.AV.	

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: ≥142°F (61°C)
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: N.AV.
 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 HAZARDS: None
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon
 CONDITIONS OF FLAMMABILITY: High heat and sources of ignition
 AUTO IGNITION TEMP. (°C): N.AV.
 EXPLOSION DATA: - SENSITIVITY TO MECHANICAL IMPACT: N.AV.
 SENSITIVITY TO STATIC DISCHARGE: N.AV.

5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): Stable
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents
 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____ SKIN_X__ INGESTION_X__

SIGNS & SYMPTOMS OF EXPOSURE: (ACUTE & CHRONIC)

EYES: May cause irritation, corneal damage and conjunctivitis.
 SKIN: May cause irritation and defatting of skin. May cause dermatitis. N-Butoxyethanol may be absorbed through skin to cause headache, drowsiness, tremors and blurred vision. May affect blood chemistry, kidneys and liver. Prolonged contact may induce pathological lesions of the brain, lungs, liver, meniges and heart.
 INGESTION: May produce narcotic responses, central nervous system depression with giddiness, headache, dizziness, nausea

and vomiting. May cause diarrhea and gastrointestinal irritation. May affect blood chemistry, kidneys and liver. May produce pathological lesions of the brain, lungs liver, meninges and heart.

6. HEALTH HAZARD DATA (cont'd)

 INHALATION: Low hazard unless heated or misted.
 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. If any symptoms of contact appear, get medical help.
 INHALATION: Remove to fresh air. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. If breathing is difficult, give oxygen, if available. Get medical attention immediately.
 INGESTION: If conscious, give large amounts of water. Do NOT induce vomiting, get medical help. If vomiting occurs, keep head below hips to prevent aspiration into lungs. In all cases treat symptomatically and supportively. Get medical attention immediately.

7. SPILL AND 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: Store away from heat, flames and other sources of ignition.

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, petroleum solvent resistant gloves

9. TRANSPORTATION DATA

 DOT HAZARD CLASSIFICATION 49 CFR172.101: Combustible liquid, not regulated.
 DOT LABEL: None
 U.N./IATA: Not regulated

10. STATE RIGHT TO KNOW INFORMATION

 DIPROPYLENE GLYCOL METHYL ETHER C.A.S. #34590-94-8, AROMATIC HYDROCARBON C.A.S. #4742-94-5, ALCOHOLS C11-14-ISO, C1 C.A.S. #78330-21-9, ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE #112-07-2, AMYL ACETATE C.A.S. #628-63-7

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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