

Material Safety Data Sheet

SECTION I

MS DS
SENT TO
SAFETY OFFICER
DATE 2-4-85

Product Name or Number (as it appears on label) No. 611 Phenolphthalein Indicator		Emergency Telephone No. 616-241-4884
Manufacturer's Name Mitco, Inc.		Date Issued 11-7-85
Address (Number, Street, City, State and Zip Code) 1601 Steele Avenue S.W., Grand Rapids, MI 49507		Supersedes 0
Hazardous Material Description, Proper Shipping Name, Hazard Class, Hazard ID No. (49 CFR 172.101) Alcohol, N.O.S., Flammable Liquid, UN1987, "LTD QTY"		
Chemical Family Aqueous Mixture	Formula N/A	

SECTION II — HAZARDOUS INGREDIENTS

Chemical Name and CAS Registry No. Isopropyl Alcohol 67-63-0			
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
OSHA Permissible Exposure Limit 980mg/M³	ACGIH Threshold Limit Value 980mg/M³	Other Exposure Limit Used N/A	
Chemical Name and CAS Registry No. N/A			
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program Yes <input type="checkbox"/> No <input type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input type="checkbox"/>
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Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program Yes <input type="checkbox"/> No <input type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input type="checkbox"/>
OSHA Permissible Exposure Limit	ACGIH Threshold Limit Value	Other Exposure Limit Used	

SECTION III — PHYSICAL DATA

Boiling Point (°F.)	205	Specific Gravity (H ₂ O = 1)	0.9
Vapor Pressure (mm Hg.)	Unknown	Percent, Volatile By Volume (%)	99
Vapor Density (AIR = 1)	2.07	Evaporation Rate (<u>water</u> = 1)	1.3
Solubility in Water	Complete		
Appearance and Odor	Clear solution with alcohol odor.		

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point 70° F	method used Open cup	Flammable Limits	LEL 2 %	UEL 12 %
Extinguishing Media Carbon dioxide, water.				
Special Fire Fighting Procedures None				
Unusual Fire and Explosion Hazards None				

SECTION V — HEALTH HAZARD DATA

Effects of Overexposure — Conditions to Avoid	Primary Routes of Entry Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)
Irritation to skin and eyes, handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing.	
Emergency and First Aid Procedures In case of contact with skin, wash at once with soap and water; for eyes, flush with water for at least 15 minutes and get medical attention. Wash contaminated clothing before reuse.	

SECTION VI — REACTIVITY DATA

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	
Incompatibility (material to avoid) None known.			
Hazardous Decomposition Products: None known.			
Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

SECTION VII — SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled Flush to drain with water.
Waste Disposal Method Flush to drain with water.

SECTION VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Not necessary				
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Ventilation NOT necessary</td> <td style="width: 33%;">Local Exhaust N/A</td> <td style="width: 33%;">Mechanical (General) N/A</td> <td style="width: 15%;">Special N/A</td> </tr> </table>	Ventilation NOT necessary	Local Exhaust N/A	Mechanical (General) N/A	Special N/A
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Other Protective Clothing or Equipment N/A				

SECTION IX — SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing Keep away from heat or open flame.
Other Precautions N/A