

# Material Safety Data Sheet

ibd  
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Gardena, CA 90248

Information: (310) 324-6680. (800) 221-2743  
Emergency: Chemtel (800) 255-3924

<b>Product:</b>  <b>CLEANSER PLUS</b>
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Date Prepared: 8-30-00  
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## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Isopropyl Alcohol		400 ppm	400 ppm	
Acetone		750 ppm	750 ppm	
Ethyl Acetate		400 ppm	400 ppm	
<b>Non-Hazardous Ingredients</b>				
	100			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point</b> Approx. 135°F	<b>Specific Gravity</b> (H <sub>2</sub> O = 1) .800
<b>Vapor Pressure</b> (mm Hg and Temperature) Approx. 42° (20°C)	<b>Melting Point</b> Not applicable
<b>Vapor Density</b> (Air = 1) 2	<b>Evaporation Rate</b> ( = 1) Not available
<b>Solubility in Water</b> miscible	<b>Water Reactive</b> No
<b>Appearance and Odor</b> Clear, colorless liquid	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method Used</b> 65°F	<b>Auto-Ignition Temperature</b> NA	<b>Flammability Limits in Air % by Volume</b> NA	<b>LEL</b> NA	<b>UEL</b> NA
<b>Extinguisher Media:</b> Dry chemical, CO <sub>2</sub> , water spray or alcohol foam				
<b>Special Fire Fighting Procedures:</b> For massive fire, use unmanned hose holder or monitor nozzles, or else withdraw from area and let burn				
<b>Unusual Fire and Explosion Hazards:</b> Dangerous fire / negligible explosion hazard when exposed to heat or flame				
Vapor- air mixture is explosive above flash point				

NA = not available

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid:</b>
Incompatibility (Materials to Avoid): Strong acids: fire & explosion hazard. Oxidizing agents; fire & explosion hazard Strong Alkalis: fire & explosion hazard. Amines aliphatic: Incompatible	
Hazardous Decomposition Products: Aluminum: Dissolution is exothermic. Thermal decomposition, products may include toxic oxides of carbon.	
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input type="checkbox"/> Will Not Occur	<b>Conditions to Avoid:</b>

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY</b>	<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	<b>Carcinogen Listed In</b>	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monogph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
<b>HEALTH HAZARDS</b>	Acute: Indigestion-decreased blood pressure and pulse rate, nausea and hallucinations Chronic: Skin-slight irritation to dermatitis. Eye-irritation to conjunctivitis.				
<b>Signs and Symptoms of Exposure:</b> Headaches, dizziness, nausea, confusion, narcosis.					
<b>Medical Conditions Generally Aggravated by Exposure:</b>					
<b>EMERGENCY FIRST AID PROCEDURES</b> - Seek medical assistance for further treatment, observation and support if necessary.					
<b>Eye Contact:</b> Wash thoroughly with water while lifting upper and lower lids.					
<b>Skin Contact:</b> Remove contaminated clothes, wash affected area with soap and large amounts of water.					
<b>Inhalation:</b> Remove from exposure area. If breathing has stopped, perform artificial respiration.					
<b>Ingestion:</b> Give activated charcoal. Give oxygen if respiration is depressed. Seek professional help immediately.					

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection</b> (Specify Type): Air – purifying respirator			
<b>Protective Gloves:</b> Rubber		<b>Eye Protection:</b> Safety goggles	
<b>VENTILATION</b>	<input type="checkbox"/> Local Exhaust	<input type="checkbox"/> Mechanical (general)	<input checked="" type="checkbox"/> Special -Explosion Proof
<b>TO BE USED</b>	<input type="checkbox"/> Other (specify)		
<b>Other Protective Clothing and Equipment:</b>			
<b>Hygienic Work Practices:</b>			

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES**

<b>Steps to be Taken if Material is Spilled Or Released:</b>	Small spill- Cover with sand and place into tight containers for later disposal. Larger spills dike far ahead of spill, cover with sand and place into tight containers for later disposal.
<b>Waste Disposal Methods:</b>	
<b>Precautions to be Taken in Handling and Storage:</b>	In accordance with local, state and federal regulations for hazardous waste materials.
<b>Other Precautions and/or Special Hazards:</b>	No smoking, flames or flares in hazard area. Store away from heat or flame.

NA = not available

NFPA Rating\* Health \_\_\_\_\_ Flammability \_\_\_\_\_ Reactivity \_\_\_\_\_ Special \_\_\_\_\_

HMIS Rating\* Health \_\_\_\_\_ Flammability \_\_\_\_\_ Reactivity \_\_\_\_\_ Personal Protection \_\_\_\_\_

\* optional