

Material Safety Data Sheet

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Product:

DEHYDRATOR

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Prepared By:

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
Acetone		750ppm	750ppm	TWA
Isopropyl Alcohol				
Butyl Acetate				
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point 133°F	Specific Gravity (H ₂ O = 1) about – 1
Vapor Pressure (mm Hg and Temperature) 180 mm Hg	Melting Point Not applicable
Vapor Density (Air = 1) 2.0	Evaporation Rate (Butyl Acetate = 1) 14.4
Solubility in Water Miscible	Water Reactive No
Appearance And Odor Clear liquid, fruity odor	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used -4°F (cc)	Auto-Ignition Temperature 869°F	Flammability Limits in Air % by Volume Not Available	LEL NA	UEL NA
Extinguisher Media: Dry chemical, carbon dioxide, halon, water spray, foam				
Special Fire Fighting Procedures: Water spray should be used to keep fire-exposed containers cool				
Unusual Fire and Explosion Hazards: Dangerous when exposed to heat or flame. Wear self-contained breathing apparatus.				

NA = not available

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY ☒ Stable ☐ Unstable	Conditions to Avoid: Excessive heat or flame.
Incompatibility (Materials to Avoid): Oxidizing materials, acids, aliphatic amines	
Hazardous Decomposition Products: Thermal decomposition products may include toxic oxides of carbon	
HAZARDOUS POLYMERIZATION ☐ May Occur ☒ Will Not Occur	Conditions to Avoid: Not applicable

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY ☒ Inhalation ☒ Skin Absorption	☒ Ingestion ☐ Not Hazardous	Carcinogen Listed In ☐ NTP ☐ IARC ☐ OSHA ☐ Not Listed ☐ Monograph
HEALTH HAZARDS	Acute: Slight transient irritation of upper respiratory tract; dizziness Chronic: Upper respiratory tract irritation; dizziness	
Signs and Symptoms of Exposure: Headaches, dizziness, irritation of eyes and respiratory tract		
Medical Conditions Generally Aggravated by Exposure: Not known		
EMERGENCY FIRST AID PROCEDURES -		
Eye Contact: Immediately flush eyes with running water for 15 minutes		
Skin Contact: Wash with soap and water		
Inhalation: Remove to fresh air. Consult a physician		
Ingestion: Consult a physician		

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): Avoid prolonged breathing of vapor			
Protective Gloves: Resistant gloves		Eye Protection: Safety/chemical goggles	
VENTILATION TO BE USED	☒ Local Exhaust	☒ Mechanical (general)	☐ Special
	☐ Other (specify)		
Other Protective Clothing and Equipment: When handling large quantities, apron and rubber boots			
Hygienic Work Practices: Avoid contact with skin and eyes; work in well ventilated area			

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

Steps to be Taken if Material is Spilled Or Released:	Cover with absorbent material and place into tight container for later disposal.
Waste Disposal Methods:	Dispose in accordance with local, state, and federal regulations for the disposal of hazardous waste.
Precautions to be Taken in Handling and Storage:	Store away from acids, amines, oxidizing materials. Should be stored in containers which meet the bonding and grounding guidelines specified in NFPA77-1983.
Other Precautions and/or Special Hazards:	Store in cool dry place.

NA = not available

NFPA Rating* Health 1 Flammability 3 Reactivity 0 Special

HMIS Rating* Health Flammability Reactivity Personal Protection

* optional