

Material Safety Data Sheet

HYROCK
Quick Identifier
Common Name (Used on label and list)

SECTION 1

Manufacturer's Name	Hydrol Chemical Company	Emergency Telephone No.	Day - (800) 345-8200 Night - CHEMTREC (800) 424-9300
Address	520 Commerce Drive	Information Calls	(800) 345-8200
City, State, and Zip	Yeadon, PA 19050	Date Prepared	9/07
Signature of Person Responsible for Preparation (Optional)			

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA CAS PEL	ACGIH TLV	Other Exposure Limits	% Optional NO.	
Calcium Sulfate	Not Established		N/E	7778-18-9	
Potassium Aluminum Sulfate	N/E	N/E	N/E	10043-67-1	
Paraformaldehyde	N/E	N/E	N/E	30525-89-4	
Karaya Gum	N/E	N/E	N/E	9000-36-6	

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H ₂ O=1)	N/A	Vapor Pressure (mm Hg)	N/A
Solubility in Water	Slight	Vapor Density (Air=1)	N/A	Reactivity in Water	None
Appearance and Odor	White Powder (Slight Pungent)		Melting Point	Unknown	

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	None	Method Used	N/A	Flammable Limits in Air % By Volume	LEL Lower	N/A	UEL Upper	N/A
Auto-Ignition Temperature	N/A		Extinguisher Media	N/A				
Special Fire Fighting Procedures	Wear self contained breathing apparatus (SCBA) and full protective clothing. Paraformaldehyde can emit Formaldehyde fumes.							
Unusual Fire and Explosion Hazards	None							

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Unstable	z	Conditions to Avoid	Heat
Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizers, strong alkalis and mineral acids.			
Hazardous Decomposition Products	Formaldehyde Gas, Carbon Monoxide and Dioxide.			
Hazardous Polymerization	May Occur	z	Conditions to Avoid	None.

SECTION 6 - HEALTH HAZARDS

1. Acute Poisonous if swallowed. 2. Chronic Formaldehyde Gas is possible carcinogen

Signs and Symptoms of Exposure: Formaldehyde Gas: Possible loss of consciousness, blindness, stupor, nausea and vomiting.

Medical Conditions Generally Aggravated by Exposure: Unknown.

Chemical Listed as Carcinogen or Potential Carcinogen: Formaldehyde

National Toxicology Program: Yes No

I.A.R.C. Monographs: Yes No

OSHA: Yes No

EMERGENCY AND FIRST AID PROCEDURES	1. INHALATION	Remove to fresh air. Restore breathing. Seek medical aid.
	2. EYES	Wash with water 15 minutes. Seek immediate medical aid.
	3. SKIN	Wash with water. Remove contaminated clothing. Wash before reuse.
	4. INGESTION	Give two glasses of water. Induce vomiting. Seek immediate medical aid.

ROUTES OF ENTRY	1. INHALATION	Inflammation of lining of nose, throat, and lungs. Broncho Pneumonia.
	2. EYES	Can cause irreversible burn damage. vapor causes irritation tearing and burning sensation.
	3. SKIN	Causes drying, cracking, peeling and tanning.
	4. INGESTION	Poisonous. Can cause blindness, nausea, stupor, vomiting and death.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken: Protect containers from physical damage. Store in cool, dry, well-ventilated area.

in Handling and Storage: Do not mix with other chemicals. Avoid breathing vapor. Wear proper protective clothing.

Other Precautions: None.

Steps to be Taken in Case of Spill: Wear SCBA. Avoid ignition sources. Formaldehyde can be neutralized with Aqua Ammonia or complexed with Sodium Sulfate. Small spills can be neutralized with FORMASORB (product of Hydrol Chemical Co.).

Waste Disposal Methods (Consult federal, state, and local regulations): Obey all federal, state and local disposal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): NIOSH Formaldehyde or SCBA.

Ventilation: Local Exhaust YES

Mechanical (General): Chemical Safety Goggles

Special: Other

Protective Gloves: Rubber

Eye Protection: Chemical Safety Goggles

Other Protective Clothing or Equipment: Eye Wash Station, Safety Shower.

Work/Hygenic Practices: Always wash thoroughly after using chemical.

SECTION 9 - OTHER INFORMATION

DOT HAZARD CLASS: UN NUMBER: NA

NFPA HAZARD CLASS: HEALTH: 2

FLAMMABILITY: 0