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MATERIAL
SAFETY
DATA
SHEET

CAT.NO.: 00553

JULY 16, 1991

SECTION I IDENTIFICATION

Chemical Name: DMP-30; 2,4,6-Tri(dimethylaminomethyl)phenol
Formula: C15 H27 N3

SECTION II HAZARDOUS INGREDIENTS

Hazardous Components:

Threshold Limit Values

			OSHA-TWA		OSHA-STEL	
			ppm	mg/m3	ppm	mg/m3
DMP-30	[90-72-2]	89-98 %	NE	NE	NE	NE
Dimethylaminomethylphenol	[25338-55-0]	2-11 %	NE	NE	NE	NE
Phenol	[108-95-2]	(0.1 %	5	19		
Formaldehyde	[50-00-0]	0.08 %	3			

SECTION III PHYSICAL DATA

Boiling Point	:316 C	% Volatile by Volume	:N/D
Vapor Pressure	:<0.01	Evaporation Rate	:<1
@21Cdegrees		(Butyl Acetate = 1)	
Vapor Density	>1	Specific Gravity	:1.973
Solubility in Water:light		Melting Point	:N/D
Appearance and Odor	:dark red liquid; amine odor		

SECTION IV EXPLOSION AND FIRE HAZARD DATA

Flash Point:	255 F/124 C	Flammable Limits:	
Test Method:	COC	LEL:	N/D
		UEL:	N/D

Extinguishing Media: water, carbon dioxide, dry chemical powder, foam
 Special Fire Fighting Procedures: Firefighters must wear self-contained breathing apparatus and fully protective equipment
 Unusual Fire and Explosion Hazards: NE

POLYSCIENCES, INC. HAZARD CODE: H07g

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N/A = Not Applicable; NE = Not Established; N/D = No Data

OSHA = Occupational Safety and Health Administration
 ACGIH = American Conference of Governmental Industrial Hygienists
 NFPA = National Fire Protection Association

SECTION V HEALTH HAZARD

Route(s) of Entry: Inhalation:yes Skin:yes Ingestion:yes
Health Hazards (acute and chronic): Irritant. Skin sensitizer.
Formaldehyde has been listed by the National Toxicology Program and the International Agency for Research on Cancer as a potential cancer-causing agent.
Medical Conditions Generally Aggravated by Exposure: NE

Signs and Symptoms of Exposure: Irritation of skin and eyes. May cause permanent injury to eyes. Material can be absorbed through the skin and cause dermatitis. Inhalation may cause drowsiness, slurred speech, headache, nausea, stupor and unconsciousness.

Emergency and First Aid Procedures:

Skin Contact: Wash affected area with copious amounts of water. Remove contaminated cloths and shoes. Launder before reuse.
Eye Contact : Flush eyes with water for at least 15 minutes. See physician.
Inhalation : Remove to fresh air. Give oxygen or artificial respiration, as needed.
Ingestion : Drink 1 or 2 glasses of water. Call physician. Seek medical treatment if discomfort persists.

SECTION VI REACTIVITY DATA

Stability: stable
Conditions to Avoid: heat
Incompatibility: strong oxidizing and reducing agents
Hazardous Decomposition Products:nitrogen oxides
Hazardous Polymerization: will not occur
Conditions to Avoid: NE

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Wear self-contained breathing apparatus, rubber boots and gloves. Eliminate ignition sources. Evacuate area. Absorb spill on inert material and hold in containers for disposal. Wash and ventilate spill site when pickup is complete
Waste Disposal Method: Burn in suitably equipped chemical incinerator. Disposal must comply with Federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection: OSHA/MHSA approved respirator if needed
Ventilation: mechanical at point of release
Protective Gloves: impervious Eye Protection:safety goggles
Other Protective Equipment: safety shower and eye bath, protective clothing

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Store material at room temperature. Keep storage container tightly closed. Avoid prolonged or frequent exposure. Wash thoroughly after handling.