

received
 3/19/92



900102
 Technical

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME:	SIZE: 100 g. & 500 g.
CHEMICAL NAME: 2,4-Dinitrophenol (Techn.)	
FORMULA: (NO ₂) ₂ C ₆ H ₃ OH	
MANUFACTURER: Eastman Kodak Company	
ADDRESS: 343 State Street, Rochester, New York 14650	
FOR INFORMATION ON HEALTH HAZARDS CALL: (716) 722-5151	
FOR OTHER INFORMATION: INFORMATION EFFECTIVE AS OF: 8-30-74	

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S)	%	TLV (Units)

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	M.P. = 108-112 °C	SPECIFIC GRAVITY (H ₂ O=1)	1.683 at 24 °C
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	0.5g./100 ml. cold		
APPEARANCE AND ODOR	Yellow to brown crystals		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Water spray		
SPECIAL FIRE FIGHTING PROCEDURES	Evacuate personnel; fight fire from safe distance. May detonate. 40% as effective as TNT. Explodes at 315 °C.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Classified as an EXPLOSIVE by U.S. Department of the Treasury.		

SECTION V HEALTH HAZARD DATA**THRESHOLD LIMIT VALUE**

None assigned by A.C.G.I.H.

EFFECTS OF OVEREXPOSURE

A highly toxic compound. A poison. Causes dermatitis. May be absorbed through skin. Solid and vapor may cause acute liver injury.

EMERGENCY AND FIRST AID PROCEDURES

In case of contact flush immediately with plenty of water for at least 15 minutes. For vapor exposure, remove from further exposure and get medical attention. Launder contaminated clothing before re-use.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID Heat and impact sensitive.
	STABLE		
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS		Emits toxic fumes	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	
May Occur	Will Not Occur X		

SECTION VII SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Sweep onto paper. Place in carton. Transfer to site suitable for open burning. Spread into 1" layer over paper. Ignite from a distance upwind by means of excelsior or paper train.

WASTE DISPOSAL METHOD

State and local laws take precedence.

SECTION VIII SPECIAL PROTECTIVE MEASURES**RESPIRATORY PROTECTION (Specify type)**

Filter dust mask or air supply mask or self-contained breathing apparatus

VENTILATION	LOCAL EXHAUST	X	SPECIAL
	MECHANICAL (general)	X	OTHER

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Safety goggles

OTHER PROTECTIVE EQUIPMENT

Additional protective clothing as needed to prevent skin contact.

SECTION IX SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING****OTHER PRECAUTIONS**