

Sailer/Sci/Con

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME METROPOLITAN REFINING CO., INC.		EMERGENCY TELEPHONE NO. 212-729-7200
ADDRESS (Number, Street, City, State, and ZIP Code) 50-23 23rd St., Long Island City, New York 11101		
CHEMICAL NAME AND SYNONYMS Polyphos	TRADE NAME AND SYNONYMS VAPORENE FP	
CHEMICAL FAMILY Polyphosphate	FORMULA	Sodium Hexameta Phosphate

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
None					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O=1)	NA
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (____=1)	NA
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	White granular solid-odorless		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Non Flammable	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES	NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NA			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unknown

EFFECTS OF OVEREXPOSURE

Dust may be irritant to eyes, nose, throat and skin.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for 15 min., consult physician.

Skin: Wash with water.

Inhalation: Remove to fresh air.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

May be disposed of as solid waste in general trash or
flushed down sewer with water.

WASTE DISPOSAL METHOD

General trash.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Approved toxic dust respirator.

VENTILATION

LOCAL EXHAUST

SPECIAL

NO

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

General purpose

EYE PROTECTION

Chemical safety goggles

OTHER PROTECTIVE EQUIPMENT

Full cover clothing

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep dry

OTHER PRECAUTIONS

General good housekeeping practices.