

PCH056

645

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)

9/86

SECTION I

MANUFACTURER'S NAME Gestetner Manufacturing Limited		EMERGENCY TELEPHONE NO. 01-808 1050
ADDRESS (Number, Street, City, State, and ZIP Code) P. O. Box 466, London N17 9LT England		
CHEMICAL NAME AND SYNONYMS Orthophosphoric Acid	TRADE NAME AND SYNONYMS FCA 4 Plate Acid	
CHEMICAL FAMILY	FORMULA H₃PO₄	

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)
Orthorhosphoric Acid				24	
Solution of phosphoric acid in water with trace of identifying dye.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	221	SPECIFIC GRAVITY (H ₂ O=1)	1.1
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Infinite		
APPEARANCE AND ODOR	Pink solution with acid odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

not volatile

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Wash with running water for at least 10 minutes. Seek medical help immediately.

Ingestion: Drink water or milk and seek medical help immediately.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

INCOMPATIBILITY (Materials to avoid)

attacks metal

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Dilute with plenty of water and swirl directly to drain.

Wear rubber or plastic gloves.

WASTE DISPOSAL METHOD

Dilute with more than 10 times its volume

of water and put down drain.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

Protection advisable

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Apply with applicator pad. Avoid splashing.

OTHER PRECAUTIONS

Wash hands after use.