

MATERIAL SAFETY DATA SHEET

14-13

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

SECTION I

MANUFACTURER'S NAME

SYNTHETIC PRODUCTS COMPANY

EMERGENCY TELEPHONE NO.

(216) 531-6010

ADDRESS (Number, Street, City, State, and ZIP Code)

1636 Wayside Road Cleveland, Ohio 44112

CHEMICAL NAME AND SYNONYMS

TRADE NAME AND SYNONYMS

SYNPRON 1300

CHEMICAL FAMILY

Acid Phosphate Ester

FORMULA

Proprietary

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)
Material is a very strong acid avoid contact with					
skin or clothing.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Decomposes	SPECIFIC GRAVITY (H ₂ O=1)	1.02
VAPOR PRESSURE (mm Hg.)	----	PERCENT VOLATILE BY VOLUME (%)	<1
VAPOR DENSITY (AIR=1)	----	EVAPORATION RATE (----- =1)	----
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR Fluid yellow liquid; sweet odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	> 300°F COC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	CO ₂ , Foam, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES	----			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Oxides of phosphorous and phosphoric acid vapors are generated on burning.			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Unknown
EFFECTS OF OVEREXPOSURE	Unknown
EMERGENCY AND FIRST AID PROCEDURES	
Skin Contact:	Flush with soap and water
Eye Contact:	Flush with water; consult physician
Ingestion:	consult physician

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Reacts with metal or basic materials			
HAZARDOUS DECOMPOSITION PRODUCTS P ₂ O ₅ , phosphoric acid			
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	
Treat as a strong mineral acid. Absorb on inert filler or neutralize with base and flush area completely.	
WASTE DISPOSAL METHOD	
As per local regulations	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Rubber		Chemical Goggles
OTHER PROTECTIVE EQUIPMENT		
Impervious outer protective clothing (rubber).		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Treat as strong acid, Avoid ingestion or skin contact.	
OTHER PRECAUTIONS	
Avoid contact with skin or clothing. Treat as a strong acid.	