

MSDS

Material Safety Data Sheet



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Phosphotungstic Acid

SECTION 1 PRODUCT IDENTIFICATION

NAME: Phosphotungstic Acid
EKI ORDER NUMBER: 6592
SYNONYMS: Tungstophosphoric Acid; Tungsten Hydrogen Oxide
CAS NO: 12067-99-1
FORMULA: N/A
REVISION DATE: 28 April 2004

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT	CAS NO	OSHA PEL	ACGIH TLV
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Phosphotungstic Acid	12067-99-1	N/E	N/E

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Appreciable (>10%)
VAPOR DENSITY: N/A
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: N/A
BOILING POINT: N/A
EVAPORATION RATE:
MELTING POINT: N/A
APPEARANCE AND ODOR: White to yellow, crystalline solid; odorless.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS (UPPER AND LOWER): U-N/A L-N/A
EXTINGUISHING MEDIA: Appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full faceplate operated in Positive Pressure Mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Heat
MATERIALS TO AVOID: Alkali metals and other metals, metal oxides, strong reducing agents, carbonates, cyanides.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Phosphorus Oxides
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOS Inhalation: irritation of upper respiratory tract.

Skin Contact: Severe irritation or burns.

Eye Contact: Severe irritation or burns.

Ingestion: Severe burns to mouth, throat, and stomach.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute-Yes Chronic-Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

CARCINOGENICITY: N/A

****FIRST AID PROCEDURES****

EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

SKIN: Flush with water. Get medical attention for persistent irritation.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, prompt action is essential.

INGESTION: CALL A PHYSICIAN. If conscious, give large amounts of water, and induce vomiting as directed by medical personnel.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Wear suitable protective clothing. Carefully sweep up and place in closed container.

WASTE DISPOSAL METHOD: In accordance with all local regulations.

OTHER PRECAUTIONS: N/I

SECTION 8 CONTROL MEASURES

VENTILATION: General or local to meet TLV requirements.

RESPIRATORY PROTECTION: Not required unless TLV is exceeded. Self-contained breathing apparatus recommended if TLV is exceeded.

EYE PROTECTION: Safety goggles

GLOVES: Rubber gloves

OTHER PROTECTIVE CLOTHING: Lab coat

WORK HYGIENE PRACTICES: Avoid contact with eyes, skin and clothing.

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