

M S D S***Material Safety Data Sheet***

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Periodic Acid

SECTION 1 PRODUCT IDENTIFICATION

NAME: Periodic Acid
EKI ORDER NUMBER: 6330
SYNONYMS: Para Periodic Acid
CAS NO: 10450-60-9
FORMULA: H_5IO_6
REVISION DATE: April 28, 2004

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT -----	CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Periodic Acid	10450-60-9	NA	NA

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Very soluble in water. Strongly acidic.
BOILING POINT: NA
VAPOR PRESSURE: NA
SPECIFIC GRAVITY: NA
EVAPORATION RATE: NA
VAPOR DENSITY: NA
MELTING POINT: NA
APPEARANCE AND ODOR: White to pale yellow crystals. Faint odor similar to ozone.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: NA
FLAMMABLE LIMITS (UPPER AND LOWER): NA
EXTINGUISHING MEDIA: Water.
SPECIAL FIRE FIGHTING PROCEDURES: NA
UNUSUAL FIRE AND EXPLOSION HAZARDS: May cause fire or violent reaction with reducing agents, wood, paper, or other combustibles. Avoid fumes.

SECTION 5 REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: No spontaneous self-reaction.
MATERIALS TO AVOID: Incompatible with reducing agents, many organics, wood and paper.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NA
HAZARDOUS POLYMERIZATION: NA

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY: Eyes, skin, inhalation, ingestion.
HEALTH HAZARDS (ACUTE AND CHRONIC): Irritating and corrosive to skin, eyes, GI tract. respiratory tract and mucous membranes. Causes burns. Contact may lead to formation of rash or dermatitis.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA
CARCINOGENICITY: No evidence of carcinogenicity.

****FIRST AID PROCEDURES****

EYES: Flush thoroughly with water. Get immediate medical attention.
SKIN: Flush thoroughly with water. Get immediate medical attention.
INHALATION: Remove to fresh air. If not breathing. give artificial respiration. If breathing is difficult, give oxygen.
INGESTION: If conscious, induce vomiting immediately as directed by medical personnel.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Sweep up solids, Wash area thoroughly with water. Neutralize with soda, soda ash or lime.
WASTE DISPOSAL METHOD: Dispose in accordance with all state, local and federal regulations.
OTHER PRECAUTIONS: NA

SECTION 8 CONTROL MEASURES

VENTILATION: Local.
RESPIRATORY PROTECTION: NA
EYE PROTECTION: Chemical goggles.
GLOVES: Chemical gloves.
OTHER PROTECTIVE CLOTHING: NA
WORK HYGIENE PRACTICES: NA

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