

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

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Periodic Acid Solution, 1% w/v

SECTION 1 PRODUCT IDENTIFICATION

NAME: Periodic Acid Solution, 1% w/v
EKI ORDER NUMBER: 6316
SYNONYMS: N/I
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: 30 April 2004

****LABEL HAZARD STATEMENT AND PRECAUTIONS****

CAUTION! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Periodic Acid/10450-60-9	N/E	N/E

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible	BOILING POINT (C): N/E
VAPOR PRESSURE (mm Hg): N/E	VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E	MELTING POINT (C): N/E
EVAPORATION RATE: N/E	
APPEARANCE AND ODOR: Clear, colorless liquid. Odorless.	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not combustible
AUTOIGNITION TEMPERATURE (C): Does not apply
FLAMMABLE LIMITS (%) UEL: Does not apply LEL: Does not apply
EXTINGUISHING MEDIA: Suitable for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat.

MATERIALS TO AVOID: Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Small amounts of iodine vapor.

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: May cause irritation.

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: N/I

INGESTION: May cause irritation.

CHRONIC: N/I

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I

CARCINOGENICITY: None

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention for persistent irritation.

SKIN CONTACT: Flush thoroughly with water.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

INGESTION: Give large amounts of water to drink and 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: Absorb with inert material and containerize for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.

STORAGE: Store tightly closed in a cool place.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general.

RESPIRATORY PROTECTION: Mist respirator, if necessary.

EYE PROTECTION: Chemical splash safety goggles and/or full face shield.

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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