

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

**1403 Herkimer Street
Joliet, IL 60432-1059
(877) EKI-CHEM
(815) 723-4000**

www.eki-chem.com

**24 HOUR EMERGENCY
TELEPHONE NUMBER
CALL CHEMTREC
1-800-424-9300**

Phosphomolybdic Acid Solution, 10%

SECTION 1 PRODUCT IDENTIFICATION

NAME: Phosphomolybdic Acid Solution, 10% w/v
 EKI PRODUCT CODE: 6503
 SYNONYMS: N/I
 CAS NO: Does not apply
 FORMULA: Does not apply
 REVISION DATE: 14 September 2006

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

WARNING. CAUSES IRRITATION. HARMFUL IF SWALLOWED. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Phosphomolybdic Acid / 51429-74-4	5 mg Mo/m ³ TWA	5 mg Mo/m ³ Respirable

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 bases
HAZARDOUS DECOMPOSITION PRODUCTS: PO_x
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE:
INHALATION: Causes irritation.
SKIN CONTACT: Causes irritation.
EYE CONTACT: Causes irritation.
SKIN ABSORPTION: N/I
INGESTION: Causes G.I. irritation.
CHRONIC: N/I
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I
CARCINOGENICITY: None

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. Get immediate medical attention .
SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes while removing contaminated garments. Get medical attention for persistent irritation.
INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.
INGESTION: DO NOT INDUCE VOMITING. If conscious, give several glasses of water to drink. Get immediate medical attention.

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 at 15-30C.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general.
RESPIRATORY PROTECTION: Approved mist respirator, if necessary.
EYE PROTECTION: Chemical splash safety goggles and/or full face shield.
SKIN PROTECTION: Gloves, lab coat and impervious apron

<p>E K INDUSTRIES, INC. MAKES NO REPRESENTATION AS TO THE COMPREHENSIVENESS OR ACCURACY OF THIS INFORMATION. INDIVIDUALS RECEIVING THIS INFORMATION MUST EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING ITS APPROPRIATENESS FOR A PARTICULAR PURPOSE. ACCORDINGLY, E K INDUSTRIES, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES OF ANY KIND OR NATURE RESULTING FROM THE USE OF ANY SUCH INFORMATION. NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO: EXPRESS WARRANTIES, IMPLIED WARRANTIES OF MERCHANTABILITY, OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.</p>
--