



Safety Data Sheet

INSTRUMENT STAIN REMOVER

Section 1. Identification

Product Identifier INSTRUMENT STAIN REMOVER
Synonyms MSD_SDS0145; MDS88000T5
Manufacturer Stock Numbers MDS88000T5

Recommended use N/A
Uses advised against Keep out of reach of children. Follow label directions.

Manufacturer Contact Address
Medline Industries, Inc.
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Mundelein, IL, 60060
USA

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(800) 633-5463

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(847) 643-4436

Website
www.Medline.com

Section 2. Hazards Identification

Classification ACUTE TOXICITY - DERMAL - Category 5
ACUTE TOXICITY - INHALATION - Category 5
ACUTE TOXICITY - ORAL - Category 5
EYE DAMAGE/IRRITATION - Category 2B

Signal Word Warning

Pictogram



Hazard Statements
Causes eye irritation
May be harmful if inhaled
May be harmful if swallowed

	May be harmful in contact with skin
Precautionary Statements	
Response	Call a poison center/doctor/if you feel unwell. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Call a POISON CENTER or doctor/ if you feel unwell
Prevention	Wash affected area thoroughly after handling.
Storage	N/A
Disposal	N/A
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7664-38-2	Phosphoric acid	13.5 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Advice:	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact:	Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.
Skin Contact:	Wash with soap and water; if irritation persists, seek medical attention.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If patient is conscious and alert, give large amounts of water. Get medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media In case of fire, use Dry Chemical, Carbon Dioxide (CO₂), or Water fog.

Unsuitable Extinguishing Media N.D.

Special Fire Fighting Procedures: Self contained breathing apparatus and full protective clothing recommended. Thermal decomposition emits toxic fumes of oxides of phosphorous

Unusual Fire and Explosion Hazards: Vapors can be ignited by high intensity source of ignition

Section 6. Accidental Release Measures

Non-hazardous Small Spill: Should be cleaned up at the time of the spill. Take all necessary precautions and wear any personal protective equipment that is applicable. Dispose of per local and state regulations.

Non-hazardous Large Spill: Should be cleaned up at the time of the spill. May require special treatment, equipment and/or emergency assistance. Dispose of per local and state regulations.

Section 7. Handling and Storage

Handling Non-hazardous: This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Storage Non-hazardous: Store in original package. Discard unused portion. Do not reuse. No special storage conditions required.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Phosphoric acid	1 mg/m ³ (ST) 3mg/m ³	1mg/m ³ (ST) 3mg/m ³	1mg/m ³ (ST) 3mg/m ³
Personal Protective Equipment	Goggles, Gloves, Apron			
Engineering Controls:	Ventilation: Local exhaust. Ventilation: Mechanical			
Respiratory Protection:	If vapor or mists are generated, wear a NIOSH/MSHA certified respirator that will protect against dust/mist. anic vapor/mist respirator.			
Skin Protection:	Protective gloves: Chemical-resistant. Neoprene			
Eye Protection:	Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.			
Other protective equipment:	Rubber apron			
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear violet
Odor	Mild odor
Odor Threshold	N.D.
Solubility	Miscible
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	1.08
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N.A.
FP Method	N.A.
Ph	< 1.40
Melting Point	N.A.
Boiling Point	N.A.
Boiling Range	N.D.
LEL	N/A
UEL	N/A
Evaporation Rate	N.D.
Flammability	N.A.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	N.D.
Vapor Density	N.D.

Section 10. Stability and Reactivity

Stability:	Stable.
Incompatibility (Materials to avoid):	Strong bases. Reactive metals.
Hazardous Decomposition or Byproducts:	Oxides of phosphorus and carbon
Incompatibility (Materials to Avoid)	Hydrogen chloride
Hazardous Polymerization	N.D.
Conditions to avoid:	None known

Section 11. Toxicological Information

Carcinogenicity:	NTP listed: N/A IARC listed: N/A
Acute Toxicity: Eye Contact	Causes acute eye irritation/damage Excessive tear production
Acute Toxicity: Skin Contact	Causes irritation and/or redness
Acute Toxicity: Inhalation	Irritation to nose and throat, difficulty breathing and/or lightheadedness
Acute Toxicity: Ingestion	Will irritate mouth, throat and upset the gastrointestinal tract

Section 12. Ecological Information

Toxicity:	N.D.
Persistence and degradability:	N.D.
Bioaccumulative potential:	N.D.
Mobility in soil:	N.D.
Other adverse effects:	N.D.

Section 13. Disposal

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

UN Number	1760
UN Proper Shipping Name	UN1760. Corrosive liquids, N.O.S. (Phosphoric Acid) 8, PG II
DOT Classification	8
Packing Group	II
IATA - UN Number:	1760
IATA - UN Proper Shipping Name:	Corrosive liquids, N.O.S. (Phosphoric Acid)
IATA - Hazard Class:	8
IATA - Packing Group:	II
IMDG - UN Number	1760
IMDG - UN Proper Shipping Name	Corrosive liquids, N.O.S. (Phosphoric Acid)
IMDG - Hazard Class:	8
IMDG - Packing Group	II

Section 15. Regulatory Information

SARA 311/312:	N.A.
SARA 302:	N.A.
SARA 313:	N.A.
TSCA:	N.A.
CERCLA Hazardous Substance List:	Phosphoric acid.
Clean Air Act (CAA) Section 112, 112 (r):	N.A.
New Jersey Right to Know Components:	Phosphoric acid.
Massachusetts Right to Know Components:	Phosphoric acid.
Pennsylvania Right to Know Components:	Phosphoric acid.
Rhode Island Right to Know Components:	Phosphoric acid.

Section 16. Other Information

Revision Date 5/30/2015

Legend N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

HMIS (U.S.A.): Health Hazard 1

HMIS (U.S.A.): Flammability 0

HMIS (U.S.A.): Reactivity 0

National Fire Protection 1

Association (U.S.A): Health Hazard

National Fire Protection 0

Association (U.S.A):
Flammability

National Fire Protection 0

Association (U.S.A):
Instability Hazard

Additional Information

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