

Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910. 1200, Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

<b>IDENTIFY</b> (As Used on Label and List) EFF-STOP EFFLORESCENCE REMOVER	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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**Section I**

Manufacturer's Name PROFESSIONAL PRODUCTS OF KANSAS, INC.	Emergency Telephone Number CHEMTREC 1-800-424-9300
Address (Number, Street, City State, and ZIP Code) 4456 S. Clifton	Telephone Number for Information 1-800-676-7346
Wichita, Kansas 67216	Date Prepared January 21, 2010
	Signature of Preparer (optional)

**Section II – Hazardous Ingredients/Identify Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA	ACGIH TLV	Other Limits Recommended	% (optional)
Hydrochloric Acid C.A.S. # 7647-01-0	5 PPM	5 PPM	-----	-----

<b>HAZARD RATING:</b>	4 = Extreme
Health 1	3 = High
Fire 0	2 = Moderate
Reactivity 0	1 = Slight
Special 0	0 = Insignificant

NOTE: This product has been classified in accordance with the hazard criteria of the CFR. MSDS contains all of the information required by the CFR.

**Section III – Physical/Chemical Characteristics (solvent)**

Boiling Point 210° F	Specific Gravity (H <sub>2</sub> O = 1) 1.114
Vapor Pressure (mm Hg.) As water	Melting Point N/A
Vapor Density (AIR = 1) As water	Evaporation Rate (Butyl Acetate = 1) As water
Solubility in Water Complete	
Appearance and Odor Liquid, yellow in color; Mild biting lemony odor, pH 1.5	

**Section IV – Fire and Explosion Hazard Data**

Flash Point (Method Used) Product not expected to burn	Flammable Limits None	LEL N/A	UEL N/A
Extinguishing Media Water			
Special Fire Fighting Procedures Use procedure to fight fire that is suitable for the surrounding media.			
Unusual Fire and Explosion Hazards None known			

**Section V – Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)

Plants

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI – Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Eyes	Yes	Yes	Yes

Health Hazards (*Acute and Chronic*)

N/A

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None	No	No	No

Signs and Symptoms of Exposure

Product will cause skin irritation.

Medical Conditions

Generally Aggravated by Exposure

Skin or lung irritations; Dermatitis

Emergency and First Aid Procedures

EYES: Flush with water for 15 minutes; SKIN: Wash with soap and water; INGESTION: Do not induce vomiting; drink lots of water;

INHALATION: Remove to fresh air. SEE A PHYSICIAN!!

**Section VII – Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

Large spill: dike and contain for intended use; Small spill: absorb with oil, dry and place in approved container

Waste Disposal Method

Observe local, state and Federal regulations.

Precautions to Be Taken in Handling and Storing

Stable under normal use and storage conditions. Keep container closed when not in use.

Other Precautions

N/A

**Section VIII – Control Measure**Respiratory Protection (*Specify Type*)

None needed if exposure limits are not exceeded.

Ventilations	Local Exhaust To maintain TLV	Special N/A
	Mechanical	Other Not required

Protective Gloves

Yes

Eye Protection

Goggles

Other Protective Clothing or Equipment

Protect skin with clothing or protective suit.

Work/Hygienic Practices

Keep off skin and clothing. Wash clothing before reuse.