

1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: **SR-50 Concentrated Stencil Remover #195-8091**
 Manufactured for: Lawson Screen Products, Inc. 5110 Penrose Street, Saint Louis, MO 63115 USA
 General Information: 314-382-9300
 Emergency Phone: CHEMTREC 1-800-424-9300
 MSDS Date: June 2006

2: COMPOSITION, INFORMATION ON INGREDIENTS

No.	Component CAS REG. NO.	Amount %	OSHA		ACGIH	
			PEL	STEL	TLV	STEL
1	Periodic Acid 10450-60-9	9 - 15	15mg m3		NE	

3: HAZARDS IDENTIFICATION
EMERGENCY RESPONSE INFORMATION

HAZARDS	HMIS	NFPA	RATING	DEGREE OF HAZARD	SPECIAL EQUIPMENT LEGEND			
Toxicity	2	2	4	Extreme	A	Safety Glasses	F	C + Dust Mask
Fire	0	0	3	High	B	A + Gloves	G	B + Respirator
Reactivity	1	1	2	Moderate	C	B + Apron	H	F + Goggles
Special	B		1	Slight	D	C + Face Shield	I	B + Respirator
			0	Insignificant	E	B + Dust Mask	X	Ask Supervisor

HEALTH EFFECTS FROM OVEREXPOSURE

This Product is a hazardous material under current Department of Labor definitions. Primary Routes of Exposure

- Skin Contact
- Eye Contact
- Inhalation

Eye Contact:

Direct contact with material is destructive upon contact and may cause severe chemical burns and damage and even blindness.

Skin Contact:

Direct contact can may cause severe chemical burns for short term exposure and for long term exposure possible deep ulceration and scarring.

Inhalation:

Inhalation of mist or spray can cause damage or severe irritation to nose, throat and lungs.

4: FIRST AID MEASURES

Inhalation: Remove subject to fresh air.

Eye Contact: Immediately flush eyes with a large amount of water for at least 15 minutes, periodically lifting upper and lower eye lids to ensure washing of entire surface. Consult a physician immediately.

Skin Contact: Wash affected skin areas thoroughly with plenty of water. Consult physician if any irritation persists.

Ingestion: If swallowed DO NOT induce vomiting. Give large quantities of water to drink. Consult a physician immediately. Never give anything by mouth to an unconscious person.

5: FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES:

Flash Point: None
Auto-ignition Temperature: None
Lower Explosion Limit: None
Upper Explosion Limit: None

Unusual Hazards: Material will not burn but may spatter above boiling point.

Extinguishing Agents: Use extinguishing media appropriate for surrounding media. Use water spray to cool adjacent fire exposed containers to avoid rupture and spattering.

Personal Protective Equipment: As in any fire, wear self-contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Special Procedures: None.

6: ACCIDENTAL RELEASE MEASURES

Personal Protection:

Appropriate protective equipment must be worn when handling a spill of this material. See the PERSONAL PROTECTION MEASURES Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for appropriate actions.

Procedures:

Keep spectators away. Floor may be slippery; use care to avoid falling.

Flush large spills to holding area and neutralize with soda ash before releasing to sewer using plenty of water, or contain large spills immediately with inert materials (e.g. sand, earth, absorbent). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

CAUTION: Keep large spills and cleaning runoff out of municipal sewers and open bodies of water.

7: HANDLING AND STORAGE

Handling:

Avoid all contact with skin, eyes or clothing.

Immediately remove and wash contaminated clothing before reuse.

Practice good personal hygiene: Wash after handling; shower at end of work period.

Storage Conditions: Protect from freezing and storage temperatures above 120°F to insure material homogeneity. Keep Out of Reach of Children.

Store upright in original closed container.

8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection:

A respiratory program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Use of this product does not require respiratory protection under normal operating conditions.

Where vapors or mists may occur, wear a MSHA / NIOSH approved (or equivalent) half-mask air purifying respirator. Air purifying respirators should be equipped with organic vapor cartridges and dust and mist filters.

Eye Protection: Wear chemical splash goggles (ANSI Z87.1 or approved equivalent).

Hand Protection: Wear gloves resistant to water and detergent permeation.

Other Protection: Aprons are recommended.

FACILITY CONTROL MEASURES:

Ventilation: Recommend use of normal room ventilation with a local exhaust or mechanical general ventilation at the point of use to minimize exposure.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with eyewash and safety shower facilities.

9: PHYSICAL AND CHEMICAL PROPERTIES

TYPICAL

State	Liquid
Appearance	Clear
Color	Colorless
Odor	Characteristic mild
Viscosity	Very Thin
pH as is	1 – 3
pH @ Use Dilution	2 - 4.5
Specific Gravity @ 60 °F	1.102
Density	9.18 Lbs/Gal
Vapor Density (Air = 1)	0.62 Water
Vapor Pressure	17 mm Hg @ 20 °C = 68 °F Water
Freezing Point	0 °C = 32 °F Water
Boiling Point	100 °C = 212 °F Water
Solubility in Water	Complete
Percent Volatility	Approximately 85% < 1
Evaporation Rate (BAc = 1)	Water 0% = 0.00
VOC %	Lbs/Gal 0% = 0.00
HAP %	Lbs/Gal

10: STABILITY AND REACTIVITY

Instability: This material is considered stable.

Hazardous Decomposition Products: There are no known hazardous decomposition products for this material except for Carbon Dioxide, Carbon Monoxide if burned. Reactions with metals can release flammable hydrogen gas.

Hazardous Polymerization: This product will not undergo polymerization.

Incompatibility: This product is functionally not compatible with alkalis and strong oxidizing agents bleach.

11: TOXICOLOGICAL INFORMATION

Acute Data: Not Known

Sensitization Data: Not Known

ENVIRONMENTAL IMPACT

Environmental Toxicity: None Known.

12: ECOLOGICAL INFORMATION

None Known

13: DISPOSAL CONSIDERATIONS

Procedure: Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

14: TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Inorganic n.o.s. Contains: Periodic Acid

HAZARD CLASS: 8

IDENTIFICATION NO.: UN3264

PACKING GROUP: II

LABEL: Corrosive

ERG#: 154

RQ: > None

15: REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

This product is considered to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

This product is a 'controlled' product under the Canadian Workplace Hazardous Materials Information System (WHMIS). EMERGENCY PLANNING AND COMMUNITY RIGHT - TO KNOW (SARA TITLE 3)

Section 311/312 Categorizations (40 CFR 370)

This product is a hazardous material under 29 CFR 1910.1200, and therefore is covered by Title III of SARA.

Section 313 Information (40 CFR 372)

This product does not contain a chemical which is listed in Section 313 at or above the de minimis concentrations.

CERCLA INFORMATION (40 CFR 302.4)

Releases of this material to air, land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to the state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION

When a decision is made to discard this material as supplied, it does meet RCRA's characteristic definition of corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

CHEMICAL CONTROL LAW STATUS

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16: OTHER SUPPLEMENTAL INFORMATION

ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
Bac	Butyl acetate
NE	Not Established
ND	Not Determined
NA	Not Applicable

The information contained herein pertains only to the specific material identified. Lawson Screen Products, Inc. believes that such information and recommendations set forth herein are accurate and reliable as of the date of this material safety data sheet, but Lawson Screen Products, Inc. makes no representation as to the completeness or accuracy thereof and supplies the information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.

In no event will Lawson Screen Products, Inc. be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation, guarantee or warranty, either express or implied, is made hereunder as to the accuracy, reliability, completeness of the information, of merchantability, of fitness for a particular purpose or of any other nature, with respect to information or the product to which it refers.