

## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: Lomatic EFFECTIVE DATE: 12/21/2011

WHMIS CLASS: Machine Warewashing CODE: 6337  
Class E - Corrosive Material  
Class D - Division 1BT.D.G. CLASSIFICATION: UN NUMBER 1760  
PROPER SHIPPING NAME Corrosive liquid, n.o.s. POTASSIUM & SODIUM HYDROXIDE, SOLUTION  
CLASS 8  
PACKAGING GROUP IIIT.D.G. CLASSIFICATION: Corrosive Liquid n.o.s. (Potassium & Sodium Hydroxide)  
CLASS: 8 UN: 1760 PG: IIMANUFACTURER NAME AND ADDRESS: ROYALPAK INC.  
1870 ALBION RD  
MSDS PREPARED BY SAME: ETOBICOKE, ONT.  
M9W 5T2  
(416) 746 4226

EMERGENCY PHONE: CANUTEC (613) 996 6666

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS#	WT%	ACGIH-TLV	LC50	LD50
Potassium Hydroxide	1310-58-3	7-13	2 mg/m <sup>3</sup> Ceiling	Not available	365 mg/kg (Oral Rat)
Sodium Hydroxide	1310-73-2	7-13	2mg/m <sup>3</sup>	Not available	500mg/kg (Oral Rat)
Trisodium Nitrilo					
Triacetate monohydrate	18662-53-8	10-30	Not Available	Not Available	4200 mg/kg (Oral Rat)
Sodium Tolytriazole	64665-57-2	1-5	Not Available	Not Available	920 mg/kg (Oral Rat)

## SECTION III- PHYSICAL DATA

BOILING POINT (Deg C):	100	SPECIFIC GRAVITY (H <sub>2</sub> O=1):	1.16
VAPOUR PRESSURE (mm Hg):	Not available	PERCENT VOLATILE (WT%):	>81
VAPOUR DENSITY (Air=1):	Similar	EVAPORATION RATE (Water=1):	Similar
SOLUBILITY IN WATER:	Soluble	PH (AS SUPPLIED):	>13.5
PHYSICAL STATE:	Liquid	VISCOSITY:	Not Available
APPEARANCE AND ODOUR:	Clear Red ,mild odour.		

## SECTION IV- FIRE AND EXPLOSION DATA

FLAMMABILITY:	Not flammable
FLASH POINT (Deg C, method):	Not applicable
LEL:	Not available
UEL:	Not available
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon
MEANS OF EXTINCTION:	Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE HAZARDS:	None known at this time.
SPECIAL FIRE PROTECTIVE EQUIPMENT:	Fire fighters should wear full protective clothing, including self-contained breathing equipment.

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### SECTION V- REACTIVITY DATA

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CONDITIONS FOR CHEMICAL INSTABILITY: Stable  
INCOMPATIBILITY: Strong acids, aluminum and magnesium metals.  
HAZARDOUS DECOMPOSITION: None known at this time.

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### SECTION VI- TOXICOLOGICAL PROPERTIES

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ROUTE OF ENTRY: Eye, Skin Contact, Inhalation and Ingestion

#### EFFECTS OF ACUTE EXPOSURE:

EYE: Contact can cause burns, severe corneal damage and permanent loss of vision.  
SKIN: Contact can cause redness, burns, pain and blistering.  
INHALATION: Can cause burns to nasal and respiratory passages.  
INGESTION: Can cause vomiting, headache and medical problems

#### EFFECTS OF CHRONIC EXPOSURE:

SKIN: Prolonged exposure can cause skin burns.  
IRRITANCY: Hazardous by WHMIS Criteria.  
RESPIRATORY TRACT SENSITIZATION: No data available  
CARCINOGENIC EFFECTS: Insufficient data available  
TERATOGENIC EFFECTS: Insufficient data available  
MUTAGENIC EFFECTS: Insufficient data available  
SYNERGISTIC MATERIALS: Not available

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### SECTION VII- PREVENTATIVE MEASURES

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GLOVES: Neoprene, rubber, Natural rubber.  
EYE PROTECTION: Chemical splash goggles  
RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. If inhalation of high concentrations of mist is likely, use high efficiency air respirator.  
OTHER PROTECTIVE EQUIPMENT: As required by employer codes.  
ENGINEERING CONTROLS: General ventilation normally adequate. Local exhaust for dusts, mists or fumes.  
LEAK AND SPILL PROCEDURE: Before attempting clean-up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.  
WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal.  
STORAGE REQUIREMENTS: Store in closed container. Store away from incompatible materials. Use corrosion resistant structural materials for containment.

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### SECTION VIII- FIRST AID

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EYE: Immediately flush with water for 15 minutes. Call a doctor immediately.  
SKIN: Rinse with water for 15 minutes Call a doctor if irritation develops and persists. Completely decontaminate clothing, shoes and leather goods before reuse or discard.  
INHALATION: Remove to fresh air. If symptoms persist, call a doctor.  
INGESTION: Do not induce vomiting. Rinse mouth with water, drink two or more glasses of water. Contact a doctor immediately. never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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