

Material Safety Data Sheet

SCOUR

DATE: January 1, 2015

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Section 1 – Material Identification

SUPPLIER'S NAME: EVCOR SOLUTIONS INC.
TORONTO, ONTARIO
M5V 1T5

PRODUCT: SCOUR
MATERIAL USE: OVEN, FRYER AND GRILL CLEANER

TELEPHONE: 1-800-860-1537
TOLL FREE: (866) 863-6563
CANUTEC: (613) 996-6666

HEALTH:
PERSONAL PROTECTION:
REACTIVITY:
FLAMMABILITY:

(CLASSIFICATIONS: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = EXTREME)

Section 2 – Hazardous Ingredients of Materials

Chemical Identity	CAS Number	%	LD50/LC50
Sodium Hydroxide	1310-73-2	15 - 25	365 mg/kg (oral, rat)
Potassium Polyphosphate	7790-53-6	15 - 25	Non Hazardous

Section 3 – Physical Data for Material

PHYSICAL STATE (GAS/LIQUID/SOLID): Liquid
ODOUR/APPEARANCE: Clear liquid, slight lemon odour
ODOUR THRESHOLD (PPM): N/D
SPECIFIC GRAVITY: 1.2 +/- 0.02 gm/cm³
VAPOUR PRESSURE (MM): <25 at 20°C
VAPOUR DENSITY (AIR = 1): ~water

EVAPORATION RATE: ~water
BOILING POINT (°C): 100°C
FREEZING POINT (°C): 0°C
SOLUBILITY IN WATER (20°C): Infinite
% VOLATILE (BY VOL.): 76
pH: 13.9 +/- 0.4

Section 4 – Fire and Explosion Hazard

FLAMMABILITY: No
MEANS OF EXTINCTION: N/A
SENSITIVITY TO IMPACT: N
FLASHPOINT (°C) AND METHOD:
UPPER EXPLOSION LIMIT (% BY VOL.): N/A
SPECIAL PROCEDURES: N/A

LOWER EXPLOSION LIMIT (% BY VOL.): N/A
AUTO-IGNITION TEMP. (°C): N/A
TDG FLAMMABILITY CLASSIFICATION:
HAZARDOUS COMBUSTION PRODUCTS: None known

Section 5 – Reactivity Data

CHEM. STABILITY: Yes
INCOMPATIBILITY TO SUBSTANCES: Organic chemicals, nitro carbons, halocarbons and metals such as aluminum, zinc & tin
REACTIVITY – CONDITIONS: Flammable Hydrogen Gas may be generated when product reacts with metals and alloys mentioned above

Section 6 – Toxicological Properties

<p>ROUTE OF ENTRY</p> <p>SKIN CONTACT: Yes EYE CONTACT: Yes INHALATION: Yes INGESTION: Yes</p> <p>LD50 OF MATERIAL: 2000 mg/kg (oral, rat) 3200 mg/kg (dermal, rabbit)</p> <p>EXPOSURE LIMITS: 11 mg/m averaged over 8 hrs</p> <p>SYNERGISTIC MATERIALS: Trichloroethylene</p> <p>CARCINOGENICITY: This material is not considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer or the Occupational Safety and Health Administration</p>	<p>EFFECTS OF ACUTE EXPOSURE</p> <p>EYE: Corrosive. Brief contact causes eye damage and prolonged contact may cause eye injury which may be followed by blindness</p> <p>SKIN: Corrosive to the skin and rapidly causes chemical burns</p> <p>INGESTION: Burns, extreme pain, permanent damage</p> <p>INHALATION: Mists are corrosive to the respiratory tract</p> <p>EFFECTS OF CHRONIC EXPOSURE: Destruction of skin tissue or primary irritant dermatitis. Inhalation of mists may cause varying degrees of damage to the affected tissues and also increasing susceptibility to respiratory illness.</p>
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Section 7 – Preventive Measures

<p>PERSONAL PROTECTIVE EQUIPMENT</p> <p>GLOVES: Plastic or rubber</p> <p>RESPIRATORY: For most jobs respiratory protection may not be required. However a spray application will create mists. For such an application in absence of proper normal ventilation, use of NIOSH approved respirator for organic vapors may be required</p> <p>EYE: Goggles or safety glasses</p> <p>OTHER: Other protective clothing (Alkali resistant) is recommended whenever there is a possibility of large amounts of this product that could come in contact with clothing or skin</p> <p>ENGINEERING CONTROLS: General ventilation usually adequate</p> <p>LEAK AND SPILL PROCEDURE: Small Spill – may be flushed with copious amounts of water Large Spill – must neutralize prior to allowing into sanitary system</p> <p>WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal</p> <p>HANDLING PROCEDURES/EQUIPMENT: Handle with care. Avoid any contact with eyes, skin. Avoid inhalation of mists. Wash thoroughly after handling</p> <p>SPECIAL SHIPPING INFORMATION: Sodium Hydroxide Solution Class 8 (9.2)</p> <p>STORAGE REQUIREMENTS: Store in a cool place in closed containers. Keep away from children. Store at temperatures above 0°C. PIN# 1814 PKG II</p>
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Section 8 – First Aid Measures

<p>SKIN: Wash and flush generously with soap & water. Remove contaminated clothing. Seek medical attention if irritation develops.</p> <p>EYE: Immediately flush with plenty of water lifting upper and lower lids. If irritation persists, consult a physician</p> <p>INHALATION: Remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.</p> <p>INGESTION: DO NOT induce vomiting. If conscious, give lots of water or milk, then diluted vinegar, lemon juice or orange juice. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person</p>

NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.