

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: LIME & SCALE REMOVER
LIME & SCALE REMOVER

Chemical Formula: H306

Manufacturer: Hawco Products Limited
61 Shaver Street,
Brantford, Ontario. N3T 5V6

Distributor:

Date prepared: April 5, 2006

Emergency Telephone Number: 1-519-759-2443
Canutec 24 Hour Emergency Phone - 613-996-6666 Cellular *666

CORROSIVE LIQUIDS N.O.S., CONTAINS PHOSPHORIC ACID, CLASS 8, PG III

Hazard Rating

HEALTH: 2 FLAMMABILITY: 0
REACTIVITY: 0 PERSONAL PROTECTION: C

SECTION II - INGREDIENTS (disclosed as per 29 CFR 1910.1200)

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>
PHOSPHORIC ACID	7664-38-2	30 - 60	img/cu.m
SURFACTANT BLEND	NAV	NAV	NAV
ETHANOL, 2-BUTOXY	LLL-76-2	7 - 13	5ppm

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100 Specific gravity: 1.07 - 1.09
Composite Partial Vapour Pressure (mm Hg @ 25C): 760 Solubility in Water: (20C)INFINITE
pH (as supplied): 1.5 - 2.0 Color: CLEAR BLUE
Physical State: LIQUID Odor: ODORLESS

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: NOT FLAMMABLE
Flash Point (deg C, TCC): NAV LEL: NAV UEL: NAV
Hazardous combustion products: NAV Extinguishing Media: NON FLAMMABLE
Special Fire Hazards: NAV

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE
Incompatible Materials: ALKALINE MATERIALS, REACTIVE METALS
Hazardous decomposition products: AT FLAME TEMPERATURES, WILL EMIT TOXIC PHOSPHORIC ACID FUMES.

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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: SKIN CONTACT, SKIN ABSORPTION, EYE CONTACT, INHALATION
ACUTE, INHALATION CHRONIC, INGESTION

EFFECTS OF ACUTE EXPOSURE:

Eye: SEVERE IRRITATION AND CORROSION OF EYES.

Skin: SEVERE IRRITATION AND CORROSION OF SKIN.

Inhalation (of mists): SEVERE IRRITATION AND CORROSION OF RESPIRATORY TRACT.

Ingestion: SEVERE IRRITATION AND CORROSION OF DIGESTIVE TRACT.

EFFECTS OF CHRONIC EXPOSURE: AS FOR ACUTE EXPOSURE

Carcinogenicity: NOT LISTED

SECTION VII- PREVENTATIVE MEASURES

Protective gloves: RUBBER OR NEOPRENE

Eye protection: CHEMICAL GOGGLES

Respiratory protection: GAS IN MIST. MSHA ACID

Other protective equipment: EYE WASH STATION. PROTECT SKIN & EYES.

Engineering controls: VENTILATE ONLY IF MIST CONDITION.

Leak and Spill Procedure: DIKE AND SALVAGE OR NEUTRALIZE WITH SODA ASH OR
LIME.

Waste disposal: TO TREATMENT CENTRE IN ACCORDANCE WITH GOVT.
REGULATIONS.

Storage Requirements: USE SUITABLE CONTAINERS i.e. POLYETHYLENE, STAINLESS
STEEL, GLASS.

SECTION VIII - FIRST AID

Eye contact: Immediately flush with water for 15 minutes and seek medical attention immediately.

Skin contact: Wash off with water. If irritation persists, obtain medical attention.

Inhalation: Remove from exposure. If breathing difficult, obtain medical attention.

Ingestion: Rinse mouth with water: give copious water to cause dilution in stomach, Do not cause
vomiting. Seek medical attention immediately.

SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional information/comments:
Prepared By: HAW
NAP - Not Applicable, NAV - Not Available.

Disclaimer

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