

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: September 4, 2014

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
REACTIVITY: 0

FLAMMABILITY: 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

Composite Partial Vapour Pressure (mm Hg @ 25C): 760

pH (as supplied): 1.5 - 2.0

Physical State: LIQUID

Specific gravity: 1.07 - 1.09

Solubility in Water: (20C)INFINITE

Color: CLEAR BLUE

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

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form.