

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: RUST TREET
LIQUID ACID CLEANER

Chemical Formula: H309

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

Distributor:

Emergency Telephone Number: 1-519-759-2443

Date prepared: September 4, 2014

Hazard Rating

HEALTH: 2
REACTIVITY: 1

FLAMMABILITY: 0
PERSONAL PROTECTION: E

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

Ingredients	CAS#	Wt%	ACGIH-TLV
PHOSPHORIC ACID	7664-38-2	10 - 30	IMG/CU.M
SURFACTANT BLEND	NAV	3 - 7	NONE
ETHANOL, 2-BUTOXY	111-76-2	7 - 13	25 ppm

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100

Specific gravity: 1.05-1.07

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

Solubility in Water: (20C) INFINITE

pH (as supplied): 1.0-1.5

Color: CLEAR BLUE

Physical State: LIQUID

Odor: ODORLESS

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: NOT FLAMMABLE

Flash Point (deg C, TCC): NON COMBUSTIBLE LEL: NAV UEL: NAV

Hazardous combustion products: NAV Extinguishing Media: NON-FLAMMABLE

Special Fire Hazards: Use full protective clothing and S.C.B.A. Thermal decomposition emits toxic fumes of oxides of phosphorus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE
Reactive Metals.

Incompatible Materials: Alkaline materials,

Hazardous decomposition products: At flame temperature, will emit toxic phosphoric acid fumes.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Skin Contact, Skin Absorption, Eye Contact, Inhalation Acute, Inhalation Chronic, Ingestion

EFFECTS OF ACUTE EXPOSURE:

Eye: Irritation

Skin: Irritation

Inhalation (of mists): Irritant, slightly toxic when inhaled.

Ingestion: Irritant, slightly toxic when ingested.

EFFECTS OF CHRONIC EXPOSURE: Slightly toxic with repeated inhalation or ingestion. causes burns to exposed tissue.

Carcinogenicity: NOT LISTED BY OSHA

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 & SALVAGE OR NEUTRALIZE WITH SODA ASH OR LIME. TO TREATMENT CENTER IN ACCORDANCE WITH GOVT. REGULATIONS.

Waste disposal:

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

SECTION VIII - FIRST AID

Eye contact: Flush with copious amounts of water for at least 15 min. If irritation persists, seek medical attention.

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

Inhalation: Remove from exposure. If breathing is difficult, seek 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: DH
NAP - Not Applicable, NAV - Not Available.

Disclaimer

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