

MATERIAL SAFETY DATA SHEET

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SECTION 1-PRODUCT IDENTIFICATION

Product identifier: CLING ON
Product identifier: Bowl cleaner
Product Code Number: 63916
MSDS Number: 0509

WHMIS Classification: E

Supplier name and address:
Corporate Chemicals & Equipment
7 Neilson Avenue
St. Catharines, ON L2M 5V9
(905) 682-8888

Manufacturer's name and address:
Refer to supplier

Emergency Telephone#: CANUTEC (613) 996-6666

SECTION 2-CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>%(weight)</u>	<u>LD50 mg/kg oral/rabbit</u>	<u>LD50 mg/kg skin/rabbit</u>	<u>LD50 ppm inh/mouse</u>
Phosphoric acid	7664-38-2	10-30	1540	2740	n/av

SECTION 3-HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Routes of entry: Inhalation, ingestion, skin and eye contact.

Emergency Overview: Danger! Corrosive! Causes severe burns and eye damage.

Signs and symptoms of short-term (acute) exposure:

Inhalation: High concentration of mist or spray will cause burning or irritation to the nose, throat and lungs.

Skin contact: Dangerous in case of skin contact. Causes tissue damage.

Eye contact: Contact can result in corneal damage or blindness. Immediate pain, severe burns.

Ingestion: Harmful or fatal if swallowed. May burn mouth, throat and stomach.

Effects of long-term (chronic) exposure: See Section 11. Other important hazards. None reported.

SECTION 4-FIRST AID MEASURES

Inhalation: Remove victim to fresh air. If symptoms persist, call a physician.

Skin contact: Flush skin with plenty of water, for at least 15 minutes, while removing contaminated clothing. Call physician immediately. Wash contaminated clothing before reuse.

Eye contact: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open.

Ingestion: Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.

SECTION 5-FIREFIGHTING MEASURES

Fire hazards/conditions of flammability: Not flammable.

Flash point (Method): Not applicable. °C (°F)

Lower flammable limit (% by volume): n/ap

Upper flammable limit (% by volume): n/ap

Explosion data: *Sensitivity to mechanical impact:* Not sensitive. *Sensitivity to static discharge:* Not sensitive.

Oxidizing properties: Strong acid.

Auto-ignition temperature: None

Suitable extinguishing media: As appropriate for burning of surrounding products.

Special fire-fighting procedures/equipment: Container may burst in or fire. Contact with moisture may result in heating or ignition.

Hazardous combustion products: n/ap

SECTION 6-ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear adequate personal protective equipment.

Environmental precautions: No special precautions required.

Spill response/Cleanup: Recover and reuse as much of the product as possible. Restrict access to area until completion of clean up. Ensure trained personnel conduct clean up. Do not touch spilled material.

Prohibited materials: None known.

SECTION 7-HANDLING AND STORAGE

Ventilation and engineering controls: Mechanic ventilation should be adequate. Local exhaust recommended.

Respiratory protection: Normally not required.

Protective gloves: Butyl, nitrile rubber or natural rubber. Confirm with reputable supplier first.

Eye protection: Chemical goggles and face shield.

Other protective equipment: As required by workplace standards.

SECTION 8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: Mechanic ventilation should be adequate. Local exhaust recommended.

Respiratory protection: Normally not required.

Protective gloves: Butyl, nitrile rubber or natural rubber. Confirm with reputable supplier first.

Eye protection: Chemical goggles. And face shield.

Other protective equipment: As required by workplace standards.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

Physical form, colour and odour: Blue thick liquid, mint odour.

Odour threshold: n/av

pH: 1-2

Boiling point: approx. 100°C

Melting/freezing point: n/av

Vapour pressure: n/av

Solubility in water: Soluble

Coefficient of oil/water distribution: Essentially zero.

Specific gravity or relative density (water+1) 1.15

Vapour density (Air+1): 3.4

Volatile organic compounds (VOC's): n/ap

Evaporation rate: n/av **Percent Volatile by Weight:** n/av

SECTION 10-REACTIVITY AND STABILTY DATA

Stability and reactivity: Normally stable.

Conditions to avoid: Unintentional contact with water and moisture. Keep containers tightly closed, when not in use.

Materials to avoid: Alkalis, oxidizing agents, organic materials, metals, acids and combustible materials. When diluting DO NOT add water to the acid. Add acid to the water.

Hazardous decomposition products: n/av

SECTION 11-TOXICOLOGICAL INFORMATION

LD50: Not established for this product. See Section 2 for values for ingredients.

LC50: Not established for this product. See Section 2 for values for ingredients.

Exposure limits: ACGIH-TLV 1 mg/m.(TWA)

Carcinogenicity: None of the ingredients is listed by IARC, ACGIH, NTP, and OSHA as carcinogen.

Teratogenicity, mutagenicity, other reproductive effects: There is no human or animal information available on teratogenicity, reproductive toxicity, or mutagenicity.

Sensitization to material: Not reported.

Conditions aggravated by exposure: Skin conditions.

Synergistic materials: None known

SECTION 12-ECOLOGICAL INFORMATION

Environmental effects: Product is corrosive. Low pH (acidity) of material is harmful to aquatic life.

SECTION 13-WASTE DISPOSAL

Handling for disposal: Reuse if possible.

Methods of disposal: Use only licensed waste disposal services. Follow local, provincial, state and federal regulations.

SECTION 14-TRANSPORTATION INFORMATION

Shipping description: TDG-Corrosive Liquid, Acidic, Inorganic, n.o.s., (Phosphoric acid), Class9, UN3264, PGIII

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

SECTION 15-REGULATORY INFORMATION

WHMIS information: E

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR)

SECTION 16-OTHER INFORMATION

Prepared by:

Telephone:

Preparation date: October 6, 2010

References:

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2001.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Centre for Occupational Health and Safety. CHEMINFO database.
4. Material Safety Data Sheets from raw materials suppliers.
5. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.

n/ap Not applicable

n/av Not available