

I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Patriot #34

Use: Floor Cleaner & Grease Remover

Code: PA34

Date of MSDS: March 24, 2015

WHMIS: D2B

HMIS: Health 2
Flammability 0
Reactivity 0
PPE A

Emergency Telephone # CANUTEC 613-996-6666

2 – HAZARD IDENTIFICATION

Irritancy of Product: mild
Physical State: liquid
EMERGENCY: **CAUTION.** Causes eye irritation. May be mildly irritating to skin.

Principle Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute Effects

Eye Contact: Moderately irritating to the eyes.
Skin Contact: May be mildly irritating to skin.
Inhalation: None Known
Ingestion: May cause irritation to mouth, throat and stomach.

See Toxicological information (section 11 and 3)

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Alcohol Ethoxylates	10-20	68131-39-5	1400 Oral Rat	not available

4 - FIRST AID MEASURES

Eye Contact: Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact: Flush immediately with plenty of water. If irritation develops, get medical attention.
Inhalation: No specific first aid measures are required.
Ingestion: If swallowed, give a cupful of water if or milk.
Aggravated Medical Conditions: None Known

5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use agent suitable for surrounding fire.

Specific Hazards: Not Applicable

Specific Methods: No special methods required.

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Conditions of Flammability: not flammable
UFL: not available
LFL: not available
Flash Point and Test Method: > 200° F > 93° C
Sensitivity to Static Discharge or Mechanical Impact: not applicable
Auto-Ignition Temperature: not available
Hazardous Combustion Products: none known
Means of Extinction: treat for surrounding material & fire

6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use suitable protective equipment (Section 8). Keep

Environmental Precautions: Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses.

Methods for Cleaning Up: Absorb spill with inert material (e.g. dry sand or earth), then sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7 – HANDLING & STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage Requirements: Keep out of reach of children. Protect from freezing. Keep container tightly closed in a cool and well-ventilated area.

8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures to Reduce Exposure: No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye Protection: No special requirements under normal use conditions.

Hand Protection: No special requirements under normal use conditions.

Skin & Body Protection: No special requirements under normal use conditions.

Respiratory Protection: No special requirements under normal use conditions.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Ventilation: General ventilation normally adequate.

9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State: liquid

Oil/Water Factor: not available

Vapour Density: not available

Specific Gravity: 1.01

Boiling Point (°C): not determined

Viscosity: not available

Appearance: opaque white liquid

Evaporation Rate: not available

Odour Threshold: not available

Flash Point (°C): > 93.4

Vapour Pressure: not available

pH: 8.8

Odour: surfactant

Freezing Point (°C): not available

Solubility: dispersible

10 – STABILITY & REACTIVITY

Stability: stable

Polymerization: hazardous polymerization does not occur

Hazardous Decomposition Products: non reasonably foreseeable

Conditions of Reactivity: none known

Incompatible Substances: Do not mix with anything except water.

Storage Requirements: store in closed containers away from incompatible materials

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD50 estimated to be > 5000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg

Component Information: See Section 3

Carcinogenic Effects: none known

Reproductive Toxicity: none known

Synergistic Materials: none known

Prolonged or Repeated Exposure – none known

Chronic Toxicity: none known

Mutagenic Effects: none known

Target Organ Effects: none known

Sensitization: none known

12 – ECOLOGICAL INFORMATION

Biodegradability: considered biodegradable

BOD/COD values: not available

Ecotoxicity: not available

13 – DISPOSAL CONSIDERATION

For Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review all Federal, Provincial & local regulations prior to disposal. Consult your local or regional authorities.

14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations.

UN CLASSIFICATION: Not Regulated

See shipping documents for specific transportation information.

15 – REGULATORY INFORMATION

WHMIS: D2B – Toxic Materials

Canada Inventory: All components are listed or exempted.

16 – OTHER INFORMATION

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.