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# Patriot 30

## MATERIAL SAFETY DATA SHEET

### Cleaner & Stain Remover with Hydrogen Peroxide

**Use: All-Purpose Cleaner  
Conc.**

Code: PA30

Date of MSDS: December 1, 2014

WHMIS: D2B

TDG: Not Regulated

HMIS: Health - 1, Flammability - 0, Reactivity - 0, PPE - A

**Emergency Telephone # CANUTEC 613-996-6666**

#### I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Hydrogen Peroxide	5-15	7722-84-1	1193 oral rat	not available

#### II - PHYSICAL DATA

**Physical State:** liquid

**Freezing Point (°C):** not established

**Vapour Density:** not established

**Specific Gravity:** 0.998-1.002

**Viscosity:** not available

**Appearance:** clear colourless

**Evaporation Rate:** as for water

**Boiling Point (°C):** close to 100

**Vapour Pressure:** not established

**pH (100% conc.):** 5.0 ± 0.5

**Odour:** mild

**Odour Threshold:** not available

#### III - FIRE AND EXPLOSION DATA

**Conditions of Flammability:** not flammable or combustible

**Flash Point and Test Method:** none

**Sensitivity to Static Discharge or Mechanical Impact:** not available

**Hazardous Combustion Products:** oxides of carbon, oxygen, other gases

**Special Fire Fighting Procedures:** Generally, self-contained respiratory protection should be worn by fire fighters.

**Fire & Explosion Hazards:** Not a fire or explosion hazard. Do not mix with strong oxidizers (chlorine bleach) or alkaline material. Combustion may produce oxides of carbon, oxygen or other gases.

#### IV - REACTIVITY DATA

**Conditions of Chemical Instability:** stable

**Conditions of Reactivity:** not applicable

**Incompatible Substances:** strong oxidizers, chlorinated products, alkaline materials

**Hazardous Decomposition Products:** not available

**Storage Requirements:** store in closed containers away from strong chlorinated products and alkaline materials

#### V - TOXICOLOGICAL PROPERTIES

**Synergistic Materials:** none known

**Route(s) of Entry:** skin, eyes, ingestion, inhalation

**Irritancy of Product:** mild

**Sensitization:** none known

##### Acute Effects

##### Chronic Effects

**Eye:** Contact may cause irritation.

**Carcinogen:** none known

**Skin:** May cause irritation.

**Teratogen:** none known

**Inhalation:** May cause irritation to the respiratory system

**Mutagen:** none known

**Ingestion:** May cause vomiting, headache & medical problems

**Reproductive Toxin:** none known

**Prolonged or Repeated Exposure - Skin:** may cause drying, defatting and dermatitis

#### VI - FIRST AID MEASURES

**Eye Contact:** Immediately flush eye with water for 15 minutes. If irritation persists, contact a physician.

**Skin Contact:** Immediately flush skin with water for 15 minutes. Contact a physician if irritation develops.

Completely decontaminate clothing, shoes and leather goods before reuse or discard.

**Inhalation:** Remove to fresh air. If symptoms persist, contact a physician.

**Ingestion:** If swallowed, do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately.

Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

#### VII - PROTECTIVE EQUIPMENT

**Hygienic Practices:** Observe label precautions. Use personal protective equipment.

**Engineering Controls:** general ventilation normally adequate

**Personal Protective Equipment:**

**Goggles/Face Shield:** chemical splash goggles may be recommended

**Apron:** not necessary

**Gloves:** impermeable gloves may be recommended

**Boots:** not necessary

**Respirator:** not normally required if good ventilation is maintained

#### VIII - SPECIAL MEASURES

**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, and local regulations prior to disposal.

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