



# Material Safety Data Sheet

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## Pearl Scrub 408

Use: Deep Cleaner for Floors

Code: FH408J

Date of MSDS: July 1, 2011

WHMIS: D2B

TDG: Not Regulated

HMIS: Health - 2, Flammability - 0, Reactivity - 0, PPE - B

**Emergency Telephone #**

**CANUTEC 613-996-6666**

### I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Tetrasodium Salt of Ethylene Diaminetetraacetate	3-7	64-02-8	3030 Oral Rat	not available
Alcohols C9-11, Ethoxylated	1-5	6813-39-5	2700 Oral Rat	not available

### II - PHYSICAL DATA

**Physical State:** liquid  
**Oil/Water Factor:** not available  
**pH:** 11.5 maximum  
**Specific Gravity:** 1.02-1.04  
**Vapour Pressure:** not established  
**Viscosity:** water thin  
**Vapour Density:** not applicable  
**Odour:** citrus  
**Boiling Point (°C):** not available  
**Freezing Point (°C):** not available  
**Evaporation Rate:** not established  
**Appearance:** clear orange/red  
**Odour Threshold:** not applicable

### III - FIRE AND EXPLOSION DATA

**Conditions of Flammability:** non-flammable  
**Flash Point and Test Method:** not applicable  
**Sensitivity to Static Discharge or Mechanical Impact:** not available  
**Hazardous Combustion Products:** May include, and are not limited to, oxides of carbon and oxides of nitrogen.  
**Means of Extinction:** Dry chemical, carbon dioxide, alcohol foam.  
**Special Fire Hazards:** Firefighters should wear self-contained breathing apparatus.  
**UFL:** not applicable  
**LFL:** not applicable  
**Auto-Ignition Temperature:** not available

### IV - REACTIVITY DATA

**Conditions of Chemical Instability:** stable  
**Incompatible Substances:** strong oxidizers  
**Hazardous Decomposition Products:** May include, and are not limited to, oxides of carbon and oxides of nitrogen when heated to decomposition.  
**Storage Requirements:** Store in closed, labeled containers, away from incompatibles. Keep out of reach of children.  
**Conditions of Reactivity:** not established

### V - TOXICOLOGICAL PROPERTIES

**Synergistic Materials:** none known  
**Irritancy of Product:** moderate by WHMIS criteria  
**Acute Effects**  
**Eye:** Can cause irritation, reddening & swelling of tissues around eyes.  
**Skin:** Can cause moderate to high irritation.  
**Inhalation:** Can cause respiratory tract irritation, coughing & headache.  
**Ingestion:** May cause coughing & headache, stomach distress, nausea & vomiting.  
**Route(s) of Entry:** skin, eyes, ingestion, inhalation  
**Sensitization:** none known  
**Chronic Effects**  
**Carcinogen:** none known  
**Teratogen:** none known  
**Mutagen:** none known  
**Reproductive Toxin:** none known  
**Prolonged or Repeated Exposure - Skin:** Prolonged exposure may cause defatting & dermatitis.

### VI - FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes while holding eyelids open. If irritation occurs or persists, seek medical attention.  
**Skin Contact:** Flush with soap and water.  
**Inhalation:** Remove to fresh air immediately. If breathing stopped, apply artificial respiration and administer oxygen. Seek medical attention.  
**Ingestion:** Do not induce vomiting. Give two glasses of water or milk. Seek immediate medical attention. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

### VII - PROTECTIVE EQUIPMENT

**Personal Protective Equipment:**  
**Eyes:** safety glasses  
**Skin:** impermeable gloves  
**Respiratory:** not normally required if good ventilation is maintained  
**Ventilation:** general ventilation normally adequate

### VIII - SPECIAL MEASURES

**For Leaks or Spills:** Small spills may be absorbed with inert material and scoop into plastic, labeled containers. Remove traces by flushing with water into a chemical sewer. 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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