

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT INFORMATION



Product Name: Pine Clean

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Supplied by: The Cleaning House
973 Barton St. E.
Hamilton, ON L2L 3C4

Phone: (905) 547-2636
Fax: (905) 547-1984
Contact: Shannon Morgan

Product usage: Neutral hard surface cleaner

WHMIS Class: D-2B

TDG Class: Not regulated.

Poison Control: In Ontario: 1-800 268-9017 In Toronto: 416 813-5900

SECTION II

HAZARDOUS INGREDIENTS

| INGREDIENT | CAS# | % | ACGIH-TLV | LC50 | LD50 |
|-------------|-----------|------|--------------|------|-------------------------|
| Pine oil | 8002-09-3 | < 15 | Eye irritant | | LD50 (oral rat) >3 g/kg |
| Surfactants | | < 15 | Eye irritant | | |

SECTION III

PHYSICAL DATA

| | | | |
|------------------------------|-----------------------|--------------------------------|----------------|
| Physical State: | Liquid | Evaporation Rate: | Same as water. |
| Odour and Appearance: | Pine oil, clear green | Boiling Point: | 100 Deg. C. |
| Odour Threshold: | Not available | Freezing point: | 0 Deg. C. |
| Specific Gravity: | 1.01 | pH as supplied: | 8.0 - 9.5 |
| Vapour Pressure: | Not available | pH use dilution: | 7.0 - 9.0 |
| Vapour Density: | Not available | Water/Oil Dist. Coeff.: | Not available |

SECTION IV

FIRE OR EXPLOSION HAZARD

| | |
|-----------------------------|---|
| Flash point: | Over 120 Deg. C. after drying |
| Flammability: | Non-Flammable |
| Combustion products: | Oxides of carbon, sulphur, and incomplete combustion products |
| To Extinguish: | Not applicable |
| Other: | None |

SECTION V

REACTIVITY DATA

| | | | |
|--|--|----------------------------------|------|
| Chemical Unstability: | Product is stable. | Conditions of Reactivity: | None |
| Incompatibility: | Strong concentrated acids, oxidizing and reducing agents. Do not mix with chlorine bleach. | | |
| Hazardous Decomposition Products: | May produce oxides of carbon and nitrogen when burned | | |

SECTION VI

TOXICOLOGICAL PROPERTIES

| | | | |
|-------------------------------------|--|------------------------------|---------------|
| Route of Entry: | Skin contact, eye contact, inhalation, and ingestion. | | |
| Effects of Acute Exposure | | | |
| Skin: | May cause skin irritation, defatting, chapping, dermatitis. | | |
| Ingestion: | May cause nausea or vomiting. | Eyes: | Irritation |
| Inhalation: | If misted, may cause irritation of mucous membranes, coughing and difficulty breathing. | | |
| Effects of Chronic Exposure: | Prolonged or repeated exposure can cause skin irritation, defatting, chapping, dermatitis. | | |
| Exposure Limits: | Not available | irritancy of Product: | Not available |
| Sensitization: | Not available | Teratogenicity: | Not available |
| Carcinogenicity: | None | Mutagenicity: | Not available |
| Reproductive Toxicity: | Not available | tergistic Products: | Not available |

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SECTION VII

PREVENTIVE MEASURES

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- Breathing Protection:** Suitable breathing mask or respirator if mists or vapours are present.
- Skin Protection:** Rubber gloves, rubber boots, or barrier cream if contact is expected.
- Eye Protection:** Safety glasses with side shields when there is potential for eye contact
- Engineering Controls:** Normal building ventilation is adequate.
- Leak and Spill Procedure:** Refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
- Waste Disposal:** Review federal, provincial, and local government requirements prior to disposal.
- Storage Requirements:** Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials.
- Shipping Information:** Do not freeze.

SECTION VIII

FIRST AID MEASURES

- Skin:** Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops.
- Eyes:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
- Ingestion:** Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.
- Inhalation:** Move victim to fresh air. Seek medical attention immediately.

SECTION XI

PREPARATION INFORMATION

Date: 09-Jan-15
Telephone: (905) 547-2636

MSDS Prepared by: Technical Dept.

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