

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier/Trade name:** PERLUX HAND & BODY SOAP

**Product code/Internal Identification:** PERL

**Product use/Description:** Hand and body lotion soap

**Supplier identifier:** Chemotec (PM) Inc.  
8820 Place Ray Lawson  
Anjou, Québec, Canada  
H1J 1Z2  
Phone: (514) 729-6321; 1-800-729-6321

**Manufactured by:** Chemotec (PM) Inc.  
8820 Place Ray Lawson  
Anjou, Québec, Canada H1J 1Z2  
Phone: (514) 729-6321; 1-800-729-6321

**Emergency phone number:** (613) 996-6666 (CANUTEC)

**SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

| Ingredients                                     | CAS #      | % (weight) | ACGIH TLV        | OSHA PEL         |
|-------------------------------------------------|------------|------------|------------------|------------------|
| Sodium coco sulphate                            | 151-21-3   | 1-5        | None established | None established |
| Amides, rape-oil, N-(hydroxyethyl), ethoxylated | 85536-23-8 | 1-5        | None established | None established |
| Sodium laureth sulphate                         | 68585-34-2 | 1-5        | None established | None established |
| Glycerine                                       | 56-81-5    | 0.1-1.0    | None established | None established |
| Aloe Vera extract                               | 8001-97-6  | 0.1-1.0    | None established | None established |

**SECTION 3 - HAZARDS IDENTIFICATION****Emergency Overview**

Viscous white liquid with almond scent. CAUTION. May cause eye irritation.

**POTENTIAL HEALTH EFFECTS** (for more details, refer to Section 11)

**Primary entry route(s):** Eye and ingestion.

**Eye:** May cause irritation, redness, tears, burning sensation.

**Skin:** Not applicable

**Inhalation:** No effect expected.

**Ingestion:** May cause slight irritation, headache, abdominal pain, diarrhea, nausea and vomiting.

**Long-term (chronic) exposure:** Not applicable

**Conditions aggravated by exposure:** None expected.

**Carcinogenic status:** See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards:** For further information, see TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects:** See ECOLOGICAL INFORMATION, Section 12.

#### SECTION 4 - FIRST AID MEASURES

**Eye contact:**

Immediately rinse with plenty of water for several minutes, keeping eyelids open. If irritation persists seek medical attention.

**Skin contact:**

Not applicable.

**Inhalation:**

No effect expected.

**Ingestion:**

If conscious, give plenty of water. Never give anything by mouth if the person is unconscious. Do not induce vomiting. In case of discomfort, seek medical attention.

#### SECTION 5 - FIRE FIGHTING MEASURES

**Fire hazards/conditions of flammability:**

Not flammable. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

**Flash point (Method):** None

**Lower flammable limit (% by volume):** N/Av

**Upper flammable limit (% by volume):** N/Av.

**Explosion data - Sensitivity to mechanical impact:** Not sensitive

**Explosion data - Sensitivity to static discharge:** Not sensitive

**Auto-ignition temperature:** N/Av

**Suitable extinguishing media:**

Water, foam, dry chemicals, carbon dioxide.

**Special fire-fighting procedures/equipment:**

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

**Hazardous combustion products:**

Oxides of carbon, nitrogen and other irritating gases.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Not applicable (See Section 8).

**Spill response/Cleanup:**

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

**Environmental precautions:**

Biodegradable.

**Prohibited materials:** N/Av

**Special spill response procedures:** N/Av

**SECTION 7 - HANDLING AND STORAGE**

**Safe handling procedures:**

Avoid contact with eyes.

**Storage requirements:**

Store in a sealed container. Do not store with food products. Keep from freezing.

**Special packaging materials:** N/Ap

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Engineering controls:**

Not required under normal applications.

**Respiratory Protection:**

Not required under normal applications.

**Skin protection and other protective equipment:**

Waterproof boots for large spills.

**Eye / face protection:**

Not required under normal applications.

**General hygiene considerations:**

**KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes. Never eat, drink, or smoke in work areas.

**Permissible exposure levels:** For individual ingredient exposure levels, see Section 2.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state, colour and odour:** Viscous white liquid with almond scent.

**Odour threshold:** N/Av

**pH :** 6.5-7.8

**Boiling point:** Approximately 100 °C

**Melting/freezing point:** Approximately 0°C

**Vapour pressure:** Approximately 20 mm Hg (water)

**Solubility in water:** Complete.

**Coefficient of oil/water distribution:** N/Av

**Specific gravity or density (water = 1, at 4 °C):** 1.02 g/cm<sup>3</sup>@ 20 °C

**Vapour density:** Approximately 0.6 (water)

**Evaporation rate:** Approximately 0.4 (water)

**% volatile by volume:** Not available

**Viscosity:** 2,000-3,000 cps @ 25 °C

**SECTION 10 - REACTIVITY AND STABILITY DATA****Stability and reactivity:**

Stable at room temperature, in normal handling and storage conditions.

**Polymerisation:** Hazardous polymerization will not occur.

**Conditions to avoid:**

None known.

**Materials to avoid:**

None known.

**Hazardous decomposition products:**

None.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Toxicological data:** The calculated LD<sub>50</sub> for this product is greater than 10,000 mg/Kg, oral, rat; our products are not tested on animals.

| Ingredient                                      | LD <sub>50</sub> (route, species) | LC <sub>50</sub> # hours (species) |
|-------------------------------------------------|-----------------------------------|------------------------------------|
| Coco lauryl sulphate                            | 1,288 mg/kg (oral, rat)           | N/Av                               |
| Amides, rape-oil, N-(hydroxyethyl), ethoxylated | > 2,000 mg/kg (oral, rat)         | N/Av                               |
| Sodium laureth sulphate                         | 1,600 mg/kg (oral, rat)           | N/Av                               |
| Glycerine                                       | 12,600 mg/kg (oral, rat)          | N/Av                               |
| Aloe Vera extract                               | N/Av                              | N/Av                               |

**For more details, refer to Section 3.**

**Carcinogenicity:** No ingredient listed by IARC, ACGIH, NTP and OSHA as a possible carcinogen.

**Teratogenicity, mutagenicity, other reproductive effects:** N/Av

**Skin sensitization:** Not sensitizing

**Respiratory tract sensitization:** No

**Synergistic materials:** N/Av

**Other important hazards:** N/Av

**SECTION 12 - ECOLOGICAL INFORMATION**

**Environmental effects:** Product is expected to be readily biodegradable as per OECD 301.

**Important environmental characteristics:** Product is expected to be readily biodegradable as per OECD 301.

**Aquatic toxicity:** There is no test data on this product.

**SECTION 13 - WASTE DISPOSAL****Handling and storage conditions for disposal:**

Store material for disposal as indicated in Handling and Storage (Section 7).

**Methods of disposal:**

Dispose according to existing federal, provincial and municipal regulations.

**SECTION 14 - TRANSPORTATION INFORMATION****Transportation of Dangerous Goods (TDG) in Canada :**

Proper shipping name: Not Regulated  
Class: N/Ap  
Identification number: N/Ap  
Packing group: N/Ap  
Special case: N/Ap

**SECTION 15 - REGULATORY INFORMATION****In Canada****WHMIS information:**

This product is regulated under the Cosmetics Regulation and is therefore not regulated under WHMIS

**CEPA information:** Ingredients are listed on the DSL inventory.

**Other information:**

**HMIS:** 0 Minimal 1 Slight 2 Moderate 3 Serious 4 Severe  
**Health Hazard:** 1  
**Fire Hazard:** 0  
**Reactivity:** 0  
**Personal Protection:** (See section 8.)  
**NFPA:** 0 Minimal 1 Slight 2 Moderate 3 Serious 4 Severe  
**Fire Hazard:** 0  
**Reactivity:** 0  
**Specific Hazard:** None

**SECTION 16 - OTHER INFORMATION**

**Prepared by:** Chemotec (PM) Inc.  
**Phone number:** (514) 729-6321  
**Date:** 2016-02-16

**References:**

1. Manufacturer'/suppliers' MSDS.
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.
3. International Agency for Research on Cancer Monographs, searched 2006.

**Abbreviations:**

|       |                                                           |
|-------|-----------------------------------------------------------|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS   | Chemical Abstract Service                                 |
| CEPA  | Canadian Environmental Protection Act                     |
| cps   | Centipoises                                               |
| DSL   | Domestic Substance List                                   |
| HMIS  | Hazardous Material Information System                     |
| IARC  | International Agency for Research on Cancer               |
| LC    | Lethal concentration                                      |
| LD    | Lethal Dosage                                             |
| N/Av  | Not Available                                             |
| N/Ap  | Not Applicable                                            |
| NFPA  | National Fire Protection Association                      |
| NIOSH | National Institute for Occupational Safety and Health     |
| NTP   | National Toxicology Program (U.S.A.)                      |
| OSHA  | Occupational Safety and Health Administration (U.S.A.)    |
| PEL   | Permissible Exposure Limit                                |
| TLV   | Threshold Limit Value                                     |
| WHMIS | Workplace Hazardous Materials Information System          |

End of the MSDS