



MATERIAL SAFETY DATA SHEET
198-084 / 198-032 / 198-008

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification : 198-084 / 198-032 / 198-008
Product name : BIO CARE
Synonyms : Hand soap
Chemical family : Mixture
Supplier / Manufacturer : Auto-Chem Inc.
33 de Lyon
Repentigny, QC, Canada
J5Z 4Z3
Tel : 450-654-9292
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Contact : Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS	Percentage	Exposure limits
Propylene glycol	57-55-6	1 – 5	LD50 21700 mg/kg, rat, oral
PEG 6000 distearate	9005-08-7	1 – 5	No data.
Mineral oil	8042-47-5	1 – 5	LD50 >5000 mg/kg, rat, oral LD50 >2000 mg/kg, rabbit, dermal
Octadecanoic acid	57-11-4	1 – 5	LD50 >5000 mg/kg, rabbit, dermal
Hexadecanoic acid	57-10-3	1 – 5	No data.
Polydiméthylsiloxane	9016-00-6	1 – 5	No data.

3. HAZARDS IDENTIFICATION

Potential acute health effects :

Eye contact : Direct eye contact may cause temporary discomfort with mild redness and dryness.
Skin contact : A single prolonged exposure (24 to 48 hours) causes no known adverse effects.
Inhalation : No irritation to respiratory passages is expected from relatively short exposures of less than 8 hours.
Ingestion : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Potential chronic health effects :

Eye contact : None known.
Skin contact : None known.
Inhalation : None known.
Ingestion : None known.

4. FIRST AID MEASURES

Eyes : Rinse immediately with water 15 to 20 minutes. Remove contact lenses. Obtain medical attention if irritation develops.

- Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Remove contaminated clothing and wash with soap and water.
- Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.
- Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention.

5. FIRE FIGHTING MEASURES

- Flash point : Not flammable
Auto-ignition temperature : Not applicable
Flammability limits – air (%) : Not applicable
Extinguishing media : Carbon dioxide (CO₂), water spray, according to the nature of the fire. Dry chemical powder or water can be used to cool containers.
Protective equipment : Fire fighters should wear full protective clothing, including self contained breathing equipment.
Hazardous combustion materials : Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

- Small spill : Collect for elimination. Clean up remaining materials from spill with suitable absorbent.
- Large spill : Prevent entry into sewers or streams. Dike if needed. Pump (if possible) and store in a suitable container. Clean surfaces to reduce risk of slippage. Final cleaning may require steam, solvents or detergents.

7. HANDLING AND STORAGE

- Handling : Safety glasses and chemicals resistant gloves.
- Storage : Keep container closed. Do not freeze.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General ventilation of work area is recommended.

Personal protection equipment for routine handling :

- Eye : Use adequate protection – safety glasses at a minimum.
Skin : Washing before meals and at end of shift is adequate.
Gloves : Chemicals resistant gloves.
Inhalation : Not needed under normal conditions.

Personal protection equipment for spills :

- Eyes : Use adequate protection – safety glasses at a minimum.
Skin : Washing before meals and at end of shift is adequate.
Gloves : Chemicals resistant gloves.
Inhalation : Not needed under normal conditions.

Note : These precautions are for room temperature handling. Use at elevated temperatures of aerosol spray applications may require added protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Colour : White
Odour : Almond
pH @ 1% : 8.2
Relative density (g/cm³) : 1.01
Boiling point : 100 C
Freezing point : 0 C
Vapour pressure : Not available
Volatiles (weight) : Not determined
Solubility (water) : Soluble
VOC (%) : < 4%
Viscosity : Not available

10. STABILITY AND REACTIVITY

Chemical stability : Stable.
Hazardous polymerization : No.
Conditions to avoid : None known.
Materials to avoid : Strong oxidizers, acids.
Dangerous decomposition products : Carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Ingredient	CAS	Percentage	Exposure limits
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12. ECOLOGICAL INFORMATION

Do not allow large quantities of the product or firefighting water runoff to enter sewers or waterways. Block sewers and ditches. Areas affected by a spill must be cleaned to their original condition or to the satisfaction of the authorities. Components are biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.
Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

WHIMS (Canada): Not regulated.

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Auto-Chem Inc.

Date : Sept 2015

Notice to reader :

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