Material Safety Data Sheet: LIQUILUX

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product identifier/Trade name: LIQUILUX

Product code/Internal Identification: CCC LIQU

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 pink liquid with baby fresh 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 pink liquid with baby fresh scent.
Odour threshold: N/Av
pH : 6.5-7.8
Boiling point: Approximately 100 ^{o}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 ^{o}C): 1.02 g/cm^{3}@ 20 ^{o}C
Vapour density: Approximately 0.6 (water)
Evaporation rate: Approximately 0.4 (water)
% volatile by volume: Not available
Viscosity: 1400-1900 cps @ 25 ^{o}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_{50} for this product is greater than 10,000 mg/Kg, oral, rat; our products are not tested on animals.

Ingredient	LD_{50} (route, species)	LC_{50} # 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