

UDDER COMFORT

Material Safety Data Sheet

Udder Comfort Lotion

January 15, 2010

1. PRODUCT AND COMPANY IDENTIFICATIONS

Product Name: **Udder Comfort Lotion (Blue)** CAS Number: **Mixture**
Product Use: **Soothing Lotion, for external use.**
WHMIS Classification: **Non applicable**

Synergistic Materials:Essential oils, cosmetic lotion cream and natural aromatic derivatives.

Company Identification: 1374454 Ontario. Inc. o/a **Udder Comfort**
13473 County Rd. 18
Williamsburg, Ontario
Canada K0C 2H0

Emergency Telephone **1-613-543-3263**

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	LD50. mg/kg Oral and Rat
Aqua	NA	N/A
Paraffinum Liquidum (Mineral Oil)	8042-47-5	5000
Mentha arvensis (Cornmint) Oil	mixture	NO
Propylene Glycol	57-55-6	20 000
Caprylic/Capric Triglyceride	73398-61-5	15 000
Menthol	2216-51-5	3180
Steareth-21	9005-00-9	5000
Stearic Acid	67701-03-5	2000
Glyceryl Stearate & PEG-100 Stearate	11099-07-3	N/A
Melaleuca alternifolia (Tea Tree) Oil	68847-73-4	NO
Cetyl Palmitate	540-10-3	1900
Steareth-2	16057-43-5	15 000
Cetyl Alcohol	36653-82-4	5000
Lanolin	8006-54-0	6400
Xanthan Gum	11138-66-2	N/A
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	NO	2000
Tetrasodium EDTA	13235-36-4	1260
Triethanolamine	102-71-6	8.57ml/kg
Brilliant Blue Dye	3844-45-9	10 000

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Color: Blue

Physical State: Rigid and Slick

Odor: Menthol smell and slightly spicy

Hazards of product:

WARNING! May Cause eye irritation. May be harmful if swallowed

POTENTIAL HEALTH EFFECTS

Routes of entry: Skin. Eye. Inhalation. Ingestion

Target Organs: Skin. Eyes. Respiratory System

Contact with Eyes: May cause eye irritation and redness with repeated eye contact.

Contact with Skin: No evidence of adverse effects but repeated dermal application could lead to non pathologic local inflammation to sensitive individuals.

Skin Absorption: No adverse effects with normal skin

Ingestion Symptoms: May cause abdominal discomfort and possibly nausea and vomiting.

Inhalation Symptoms: High vapor concentrations may cause some slight bronchial discomfort, and burning sensation in the nose and throat, stinging and watering in the eyes in individuals who are sensitive to product.

Aggravation of pre-existing conditions: Persons with pre-existing eyes conditions may be more susceptible.

Teratology (birth defects): EDTA and its sodium salts have been reported to cause birth defects in laboratory animals only at exaggerated doses that were toxic to the mother. These effects are likely associated with zinc deficiency due to chelation. Birth defects are unlikely. Exposures having no effect on the mother should have no effect on the fetus.

Reproductive effects: Limited data in laboratory animals suggest that the material does not affect reproduction.

4. FIRST AID MEASURES

Inhalation: If person is sensitive to vapors, remove person to fresh air. *Get medical attention if necessary.*

Skin Contact: If person is sensitive, remove from skin with soap and water, and then rinse with plenty of tap water for at least 15 min. *Get medical attention if necessary.*

Eye contact: If contact with eye, immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. *Get medical attention if necessary.*

Ingestion: If swallowed, wash out mouth with water provided the person is conscious. Do not induce vomiting. Never give anything by mouth to an unconscious person. *Get medical attention if necessary.*

Note to physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash point: Not applicable.

Method used: Not applicable.

Auto ignition temperature: Not applicable.

FLAMMABILITY LIMITS

LFL: Not applicable.

UFL: Not applicable.

Hazardous combustion products: Fire conditions may cause this product to decompose.

Extinguishing media: This material does not burn. If exposed to fire from another source, use suitable extinguishing agent for that fire.

Fire fighting instructions: Keep people away. Isolate fire area and deny unnecessary entry. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires. Processing this product may generate dusts. Dust explosion hazard may result from forceful application of fire extinguishing agents.

Protective equipment for fire fighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. HANDLING, STORAGE AND REACTIVITY

Recommended storage conditions: Protect against physical damage. Store in a cool, dry well ventilated location, out of direct sunlight. Keep containers tightly closed.

Conditions to avoid: Extreme heat may decompose product and volatilize essential oils.

Incompatibility: Oxidizing materials will degrade essential oils, decreasing the products effectiveness.

Shelf life and stability: 2 years.

Handling: Avoid contact with eyes and do not swallow. Do not eat, drink or smoke in work area.

Hazardous polymerization: N/A

Hazardous combustion and decomposition: N/A

7. PHYSICAL AND CHEMICAL PROPERTIES

Form: Rigid brilliant and Slick

Color: Blue

Odor: Menthol smell and slightly spicy

Boiling point: N/A

Freezing point: N/A

Miscibility in water: ...Miscible

Specific gravity: N/A

Melting point: N/A

Evaporation Rate (BuAc=1):N/A

Auto ignition temperature: N/A

Vapor pressure (KPA @20°C) : NA

Vapor density (air = 1) : NA

pH: 5.20-6.20

Emulsion type: L/H

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Air Controls: Good ventilation should be sufficient for most conditions.

Personal protective equipment

Eye/face protection: Use chemical glasses if necessary for a person with sensitive eyes.

Hand and Skin protection: No precautions needed but Neoprene or butyl gloves should be used if the person handling the product is sensitive or allergic to the product.

Respiratory protection: No precautions needed under normal usage conditions.

9. TOXICOLOGICAL INFORMATION

Skin: Under experimental conditions adopted (repeated dermal application for 14 days on cow udders), there was no evidence of primary skin irritation. UC lotions proved relative tolerance on cow's udder.

Ingestion: No Data

Mutagenicity: Most data indicate that EDTA and its salts are not mutagenic.

Note: For detailed toxicological data, write or call the address or emergency number in section 1.

10. ECOLOGICAL INFORMATION

Environmental impact

Movement & partitioning: Based largely or completely on information for similar material(s): Bioconcentration potential is very low (BCF very low).

Degradation & persistence: Based largely or completely on information for similar material(s): this material made mostly with natural products (essential oils) could be considered as biodegradable under environmental conditions.

Ecotoxicity: Based largely or completely on information for similar material(s): Material is practically non-toxic to aquatic organisms on an acute basis (LC50 or EC50 >100 mg/L in the most sensitive species tested).

11. DISPOSAL CONSIDERATIONS

Waste disposal: waste material should be disposed of in designed landfill in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations or countries.

For unused & uncontaminated product, the preferred options include sending to a licensed, permitted: recycler, thermal destruction device or solid waste treatment system, landfill.

Note: The information presented here pertains only to the product as shipped in its intended condition as described in MSDS section 2 (Composition/ Information on Ingredients).

12. TRANSPORT INFORMATION

Transportation: For regulatory information about transportation, if required, consult transportation regulations, product shipping papers or contact your UC representative or the company at the address or emergency number on section 1.

Final Note: This information was compiled from current, reliable sources, and is believed to be correct as data and/or regulations change, and conditions are beyond our control. No warranty, express or implied is made as to completeness or continuing accuracy of this information.