Safety Data Sheet

Udder Comfort Lotion (Blue Standard)

July 14, 2015

Section 1: Identification

Product Name:	**Udder Comfort Lotion (Blue Standard)**
Synonyms:	**Blend of lotion mixture**
SDS Number:	**Mixture**
Product Use Description:	**Soothing Lotion, for external use**.
Company:	**Udder Comfort Inc.** Tel: 888 773 7153 13473 County Rd 18 Fax: 888 712 2008 Williamsburg (Ontario) Canada K0C 2H0
Emergency Telephone	1-613-543-3263

Section 2: Hazards Identification

Classification: Eye Irritation – Category 2B
Pictogram:



Signal Word: N/A

Hazard Statements:

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.

Precautionary statements:

Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands or liquid-contacted skin thoroughly after handling.

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

Response

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 min, 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*.

Storage

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: 4 years.

Disposal

Dispose of contents/containers to approved disposal site in accordance with local, regional, national, and/or international regulations.

Section 3: Composition/Information on Ingredients

Ingredient Name	CAS Number	Content (%)
Aqua	NA	**65 – 80**
Paraffinum Liquidum (Mineral Oil)	8042-47-5	**4 – 7**
Mentha arvensis (Cornmint) Oil	mixture	**3 - 6**
Propylene Glycol	57-55-6	**2 - 5**
Caprylic/Capric Triglyceride	73398-61-5	**2 - 5**
Menthol	2216-51-5	**2 - 5**
Steareth-21	9005-00-9	**1 – 4**
Stearic Acid	67701-03-5	**1 – 4**
Glyceryl Stearate & PEG-100 Stearate	11099-07-3	**1 – 4**
Melaleuca alternifolia (Tea Tree) Oil	68847-73-4	**1 – 4**
Cetyl Palmitate	540-10-3	**0.5 - 3**
Steareth-2	16057-43-5	**0.5 - 3**
Cetyl Alcohol	36653-82-4	**0.5 - 3**
Lanolin	8006-54-0	**0.5 - 3**
Xanthan Gum	11138-66-2	**0.5 - 3**
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	NO	**0.5 - 3**
Tetrasodium EDTA	13235-36-4	**0.5 - 3**
Triethanolamine	102-71-6	**0.5 - 3**
Brilliant Blue Dye	3844-45-9	**0.5 - 3**

Section 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.

Section 5: Fire Fighting Measures

Suitable extinguishing media:

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

Specific hazards during firefighting:

Fire conditions may cause this product to decompose.

Special protective equipment for fire-fighters:

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

Further information:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section 6: Accidental Release Measures

Personal precautions:

A part for eye irritation effect, this product is not toxic. Gently clean the area if release.

Environmental precautions:

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.

Methods for cleaning up:

Use appropriate method to clean up. 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.

Section 7: Handling and Storage

Precautions for safe handling:

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

Conditions for safe storage, including incompatibilities:

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

Extreme heat may decompose product and volatilize essential oils. Oxidizing materials will degrade essential oils, decreasing the products effectiveness**.**

Shelf life and stability: 4 years.

Section 8: Exposure Controls/Personal Protection

List	Ingredient Name	CAS Number	Type	Value
ACGIH	**Aqua**	NA	TLV	not established
ACGIH	**Paraffinum Liquidum (Mineral Oil)**	8042-47-5	TLV	not established
OSHA	**Mentha arvensis (Cornmint) Oil**	mixture	Mixture	N/A
ACGIH	**Propylene Glycol**	57-55-6	TLV	not established
OSHA	**Caprylic/Capric Triglyceride**	73398-61-5	PEL	not established
-	**Menthol**	2216-51-5	PEL	not established
-	**Steareth-21**	9005-00-9	PEL	not established
ACGIH	**Stearic Acid**	67701-03-5	TLV	10 mg/m^3
OSHA	**Glyceryl Stearate & PEG-100 Stearate**	11099-07-3	PEL	not established
-	**Melaleuca alternifolia (Tea Tree) Oil**	68847-73-4	Mixture	N/A
-	**Cetyl Palmitate**	540-10-3	TWA	not established
-	**Steareth-2**	16057-43-5	PEL	not established
-	**Cetyl Alcohol**	36653-82-4	PEL	not established
-	**Lanolin**	8006-54-0	PEL	not established
-	**Xanthan Gum**	11138-66-2	PEL	5mg/m^3
-	**Acrylates/C10-30 Alkyl Acrylate Crosspolymer**	NO	PEL	0.05 mg/m^3
-	**Tetrasodium EDTA**	13235-36-4	PEL	not established
ACGIH	**Triethanolamine**	102-71-6	TWA	5 mg/m^3 (ACGIH)
-	**Brilliant Blue Dye**	3844-45-9	PEL	not established

Air Controls:

Good ventilation should be sufficient for most conditions.

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.

Work / Hygiene practices:

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: Brilliant and Slick
Color: Blue
Odor: Menthol smell and slightly spicy

Boiling point: N/A
Freezing point: N/A
Miscibility in water: ... Miscible
Specific density: 92%
Melting point: N/A
Evaporation Rate (BuAc=1): N/A
Auto ignition temperature: N/A
Vapor pressure (KPA @20°C**):** N/A
Vapor density (air = 1)**:** N/A
pH: 5.30-6.30

Emulsion type: L/H

Section 10: Stability and Reactivity

Reactivity:

Vapors are not reactive with air.

Chemical stability:

Stable under cool, dry well ventilated location, out of direct sunlight, keep containers tightly closed.

Possibility of hazardous Reactions:

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

Conditions to avoid:

Extreme heat may decompose product and volatilize essential oils.

Shelf life and stability: 4 years.

Section 11: Toxicology 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 section1.

Section 12: Ecological Information

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).

Section 13: 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 SDS section 3 (Composition/ Information on Ingredients).

Section 14: 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 section1.

Section 15: Regulation Information

OSHA Hazards:

Moderate eye irritant

Section 16: Other Information

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.