

# UDDER COMFORT

## Material Safety Data Sheet

### Udder Comfort Yellow Spray

October 21, 2009

#### 1. PRODUCT AND COMPANY IDENTIFICATIONS

Product Name: **Udder Comfort Yellow Spray** 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
Mentha arvensis (Cornmint) Oil	Mixture	NO
Menthol	2216-51-5	3180
Melaleuca alternifolia (Tea Tree) Oil	68847-73-4	NO
Xanthan Gum	11138-66-2	N/A
Ethyl Alcohol	64-17-5	7060
Glycerine 4810	56-81-5	25000
Olea Europaea (Olive) Oil	8001-25-0	N/A
Lecithin	8002-43-5	N/A
Curcuma Longa (Turmeric) Extract	84775-52-0	N/A
Oleoresin Rosemary	8000-25-7	NO

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Color:** Yellow

**Physical State:** Liquid and slightly 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):** No EDTA

**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:** Liquid brilliant and slightly Slick

**Color:** Yellow

**Odor:** Menthol smell and slightly spicy

**Boiling point:** N/A

**Freezing point:** N/A

**Miscibility in water:** ...Miscible

**Specific density:**  $0.95 \pm 0.02$

**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:** 5.30-6.30

**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:** No EDTA

**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.