

Material Safety Data Sheet

Issuing Date 24-Jul-2012

Revision Date 24-Jul-2012

Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Udderly Smooth Udder Cream

Recommended Use Body Lotion/ Hand Cream.

Supplier Address

Redex Ind. Inc.
1176 SALEM PARKWAY
SALEM
OH
44460
US
Phone:330-503-2105
Fax:330-332-1061
Contact:BILL KENNEDY
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2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

May cause eye irritation
May produce an allergic reaction

Appearance White to off-white

Physical State Emulsion, Liquid.

Odor Pleasant

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Inhalation

Not an expected route of exposure.

Ingestion

Ingestion may cause stomach discomfort.

Chronic Effects

Repeated contact may cause allergic reactions in very susceptible persons.

Aggravated Medical Conditions

Allergies. Skin disorders. Pre-existing eye disorders.

Interactions with Other Chemicals

Irritants. Sensitizers. Epoxies.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water, distilled, conductivity or of similar purity	7732-18-5	40-70

Stearic acid	57-11-4	10-30
Propylene Glycol	57-55-6	7-13
Lanolin, oil	70321-63-0	5-10
Diglycol monostearate	106-11-6	5-10
Isopropyl myristate	110-27-0	5-10
Dimethyl silicone	9006-65-9	5-10
Paraffinum liquidum	8012-95-1	1 - 5
Allantoin	97-59-6	1 - 5
Triethanolamine	102-71-6	1 - 5
Methylparaben	99-76-3	0.1 - 1
Parfum	RR-13684-5	0.1 - 1
Propylparaben	94-13-3	< 0.1

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically. May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	Not applicable.
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Uniform Fire Code	• Sensitizer: Liquid
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health Hazard 2	Flammability 0	Stability 0	Physical and Chemical Hazards -
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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Storage	Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diglycol monostearate 106-11-6	TWA: 10 mg/m ³ except stearates of toxic metals		
Paraffinum liquidum 8012-95-1	TWA: 5 mg/m ³ inhalable fraction excluding metal working fluids, highly & severely refined		IDLH: 2500 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³
Triethanolamine 102-71-6	TWA: 5 mg/m ³		

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
Engineering Measures	For home use.
Personal Protective Equipment	
Eye/Face Protection	No special protective equipment required.
Skin and Body Protection	No special protective equipment required.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white.	Odor	Pleasant.
Odor Threshold	No information available.	Physical State	Emulsion Liquid
pH	6.8		
Flash Point	Not applicable.	Autoignition Temperature	No information available
Decomposition Temperature	No information available	Boiling Point/Range	No information available
Melting Point/Range	No information available		
Flammability Limits in Air	No information available	Explosion Limits	No information available
Water Solubility	Soluble in water.	Solubility	No information available
Evaporation Rate	No information available	Vapor Pressure	No data available
Vapor Density	No data available	VOC Content (%)	Not applicable
Partition Coefficient: n-octanol/water			

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	None known.
Conditions to Avoid	None known.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water, distilled, conductivity or of similar purity	> 90 mL/kg (Rat)	-	-
Stearic acid	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Propylene Glycol	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Diglycol monostearate	> 10 g/kg (Rat)	-	-
Isopropyl myristate	> 10000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	41 mg/l (Rat) 1 h
Triethanolamine	= 4190 mg/kg (Rat)	> 16 mL/kg (Rat) > 2000 mg/kg (Rabbit)	-
Methylparaben	= 2100 mg/kg (Rat)	-	-

Chronic Toxicity

Chronic Toxicity Repeated contact may cause allergic reactions in very susceptible persons.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Paraffinum liquidum	A2	Group 3		X
Triethanolamine		Group 3		

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC: (International Agency for Research on Cancer)
 Group 3 - Not Classifiable as to Carcinogenicity in Humans
OSHA: (Occupational Safety & Health Administration)
 X - Present

Target Organ Effects

Eyes. Skin.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene Glycol	EC50: 19000 mg/L (96 h) Pseudokirchneriella subcapitata	LC50: 51600 mg/L (96 h static) Oncorhynchus mykiss LC50: 41 - 47 mL/L (96 h static) Oncorhynchus mykiss LC50: 710 mg/L (96 h) Pimephales promelas LC50: 51400 mg/L (96 h static) Pimephales promelas		EC50: > 1000 mg/L (48 h Static) Daphnia magna EC50: > 10000 mg/L (24 h) Daphnia magna
Isopropyl myristate	EC50: > 100 mg/L (72 h) Desmodesmus subspicatus	LC50: 8400 mg/L (96 h) Brachydanio rerio LC50: 8400 mg/L (96 h semi-static) Brachydanio rerio		EC50: 100 mg/L (48 h) Daphnia magna
Triethanolamine	EC50: 169 mg/L (96 h) Desmodesmus subspicatus EC50: 216 mg/L (72 h) Desmodesmus subspicatus	LC50: 10600-13000 mg/L (96 h flow-through) Pimephales promelas LC50: 450-1000 mg/L (96 h static) Lepomis macrochirus LC50: > 1000 mg/L (96 h static) Pimephales promelas		EC50: 1386 mg/L (24 h) Daphnia magna

Chemical Name	Log Pow
Propylene Glycol	-0.32
Isopropyl myristate	6.006
Triethanolamine	-2.53

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Do not re-use empty containers.

California Hazardous Waste Codes

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14. TRANSPORT INFORMATION**DOT**

NOT REGULATED

TDG

Not regulated

14. TRANSPORT INFORMATION

<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Exempt
 DSL Does not Comply

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propylene Glycol	57-55-6	7-13		Group I		
Triethanolamine	102-71-6	1 - 5		Group I		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Triethanolamine	X	X	X		
Propylene Glycol		X			
Paraffinum liquidum	X	X	X		

International Regulations

Mexico - Grade

Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Paraffinum liquidum		Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	24-Jul-2012
Revision Date	24-Jul-2012
Revision Note	No information available

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet