



SAFETY DATA SHEET Parapel LAM-100

According to 29 CFR 1910.1200

1. IDENTIFICATION

Product name	Parapel LAM-100	
Identification no.	-	
Identified uses	Personal Care Products	Manufactured by
Supplier	Distributed by Silver Fern Chemical Inc. 2226 Queen Anne Ave N Seattle WA 98109 USA Customer Service: 866-282-3384 info@silverfernchemical.com	Alzo International Inc. 650 Jernee Mill Road Sayreville, NJ 08872 USA
Emergency telephone	24 Hour Emergency Contact: Infotrac 800-535-5053 (USA & Canada) Outside USA & Canada 1-352-323-3500	

2. HAZARD(S) IDENTIFICATION

Appearance	Clear liquid.	
Color	Yellow to straw colored.	
Odor	Typical.	
GHS pictogram	No pictogram required.	
GHS classification	Physical hazards	Not classified.
	Health hazards	Not classified.
	Environmental hazards	Not classified.

OSHA regulatory status

This product is not hazardous under the OSHA Hazard Communication Standard.

Inhalation

In high concentrations, vapors may irritate throat and respiratory system and cause coughing.

Ingestion

May cause discomfort if swallowed.

Skin contact

May cause skin irritation/eczema.

Eye contact

Spray and vapor in the eyes may cause irritation and smarting.

3. COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

Ingredient notes:

Does not contain any classified substance in reportable amounts-safety data sheet provided as confirmation of this and as service to clients.

Parapel LAM-100

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Most important symptoms/effects, both acute and delayed	No specific information.
Indication of immediate medical attention and special treatment needed	Notes to the physician - Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash point	Over 180°C (356°F) (COC)
Suitable extinguishing media	This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Hazard combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.
Protective equipment for fire-fighters	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions	Do not discharge into drains, watercourses or onto the ground.
Spill cleanup methods	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
Reference to other sections	For waste disposal, see section 13.

7. HANDLING AND STORAGE

Handling	Avoid spilling, skin and eye contact.
Storage	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.
Specific end use(s)	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Ethanolamine	PEL (TWA)	3 ppm (6 mg/m ³)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethanolamine	TWA	3 ppm (6 mg/m ³)

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
None of the ingredients in this product is listed.		

US. OSHA Table Z-3 (29 CFR 1910.1000)

None of the ingredients in this product is listed.

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanolamine	TLV(TWA)	3 ppm
	TLV(ST)	6 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethanolamine	REL(TWA)	3 ppm (8 mg/m ³)
	REL (ST)	6 ppm (15 mg/m ³)

Protective equipment



Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using does not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid.
Color	Yellow to straw colored.
Odor	Typical.

Parapel LAM-100

pH	5% @ 25°C 5.0 – 5.5
Boiling point/Range	Over 180°C (356°F)
Melting point/Range	No information available.
Freezing Point	Not determined.
Flash point	Over 180°C (356°F) (COC)
Flammability	No information available.
Auto flammability	No information available.
Explosive properties	No information available.
Oxidizing properties	No information available.
Vapor pressure	<0.05 mm Hg @ 20°C (68°F)
Relative density (Specific gravity)	1.190 @ 25°C
Bulk density	No information available.
Solubility (Water)	Soluble @ 70°C
Viscosity	No information available.
Partition coefficient log P o/w (Octanol/Water)	No information available.
VOC	No information available.
Percent solids by wt	No information available.
Other data	No information available.

10. STABILITY AND REACTIVITY

Reactivity	No specific reactivity hazards associated with this product.
Stability	Stable under normal temperature conditions and recommended use.
Conditions to avoid	Avoid excessive heat for prolonged periods.
Material to avoid	Strong oxidizing substances. Strong reducing agents.
Hazardous decomposition products	Thermal decomposition products can include toxic oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion	May cause discomfort if swallowed.
Inhalation	In high concentrations, vapors may irritate throat and respiratory system and cause coughing.
Skin contact	May cause skin irritation/eczema.
Eye contact	Spray and vapor in the eyes may cause irritation and smarting.

Numerical measures of toxicity

Components	Test	Species	Test Results
Ethanolamine (CAS# 141-43-5)	Oral LD ₅₀	Rat	1089 mg/kg
	Dermal LD ₅₀	Rabbit	1010 mg/kg
	Inhalation LC ₅₀	Rat	>1487 mg/m ³

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	
Respiratory sensitization	No information available.
Skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Parapel LAM-100

Reproductive toxicity	No information available.
Specific target organ toxicity - single exposure	No information available.
Specific target organ toxicity - repeated exposure	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

Numerical measures of toxicity

Components	Test	Species	Test Results
Ethanolamine (CAS# 141-43-5)	Fish LC ₅₀	Goldfish (<i>Carassius auratus, fish</i>)	170 mg/l,96 h
	Crustacea EC ₅₀	Water flea (<i>Daphnia magna</i>)	32.6 mg/l,48h
	Algae EC ₅₀	Green algae (<i>Pseudokirchneriella subcapitata</i>)	2.8mg/l,72h

Persistence and degradability	There are no data on the degradability of this product.
Bioaccumulative potential	No data available on bioaccumulation.
Mobility in soil	Not considered mobile.
Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
Other adverse effects	Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

	DOT Classification	IMDG	IATA
UN number	Not applicable.	Not applicable	Not applicable
UN proper shipping name	Not regulated.	Not regulated.	Not regulated.
Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
Packing group	Not applicable.	Not applicable.	Not applicable.
Environmental hazards	No	No	No
Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes		Not applicable	

15. REGULATORY INFORMATION

US federal regulations	This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
-------------------------------	---

Parapel LAM-100

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None of the ingredients in this product is listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Ethanolamine (CAS# 141-43-5) Listed

CERCLA Hazardous Substance List (40 CFR 302.4)

None of the ingredients in this product is listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard	-	No
	Delayed Hazard	-	No
	Fire Hazard	-	No
	Pressure Hazard	-	No
	Reactivity Hazard	-	No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

None of the ingredients in this product is listed.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

None of the ingredients in this product is listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

None of the ingredients in this product is listed.

Safe Drinking Water Act (SDWA)

None of the ingredients in this product is listed.

US State regulations

US. New Jersey Worker and Community Right-to-Know Act

Ethanolamine(CAS# 141-43-5) Listed

US. Pennsylvania Worker and Community Right-to-Know Law

Ethanolamine (CAS# 141-43-5) Listed

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

None of the ingredients in this product is listed.

International Inventories

International inventories

Australia - AICS

Ingredients listed

Lactamide MEA (CAS# 5422-34-4)

Ethanolamine (CAS# 141-43-5)

Canada -DSL/NDSL

Lactamide MEA (CAS# 5422-34-4)

Ethanolamine (CAS# 141-43-5)

China - IECSC

Ethanolamine (CAS# 141-43-5)

Europe- EINECS/ELINCS

Lactamide MEA (CAS# 5422-34-4)

Ethanolamine (CAS# 141-43-5)

Parapel LAM-100

Japan- ENCS	Lactamide MEA (CAS# 5422-34-4) Ethanolamine (CAS# 141-43-5)
Korea-ECL	Ethanolamine (CAS# 141-43-5)
New Zealand- New Zealand Inventory	Lactamide MEA (CAS# 5422-34-4) Ethanolamine (CAS# 141-43-5)
Phillippines – PICCS	Lactamide MEA (CAS# 5422-34-4) Ethanolamine (CAS# 141-43-5)
US - TSCA	Lactamide MEA (CAS# 5422-34-4) Ethanolamine (CAS# 141-43-5)

16. OTHER INFORMATION

Information sources	According to 29 CFR 1910.1200
Revision date	November 2015
Revision	1

DISCLAIMER OF RESPONSIBILITY

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

<end of document>