

SAFETY DATA SHEET

1. Identification

Product Name:	Eteric AH-LF
Recommended use of chemical:	Mixtures for further formation. Surfactant mixes for industrial applications.
Uses Advised Against:	All applications not listed use recommended.
Name and address of the supplier:	Essential Ingredients, Inc. 1755 North Brown Road, Suite 350 Lawrenceville, GA, US 30043
Supplier's telephone number:	(770) 831-9010
24 Hr. Emergency telephone number:	(800) 424-9300 (CHEMTREC)

2. Hazard(s) Identification

Classification of the Substance or Mixture

EC regulation criteria 1272/2008 (CLP)	: The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Adverse physiochemical, human health and environment effects	: No other hazards

Label Elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard Pictograms	: None
Hazard Statements	: None
Precautionary Statements	: None
Special Provisions	: None
Special Provisions According to Annex XVII of REACH and Subsequent Amendments	: None
Other Hazards	: No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$.
Other Hazards	: No other hazards.

3. Composition/Information on Ingredients

Substances	: N.A.
Mixtures	: Hazardous components within the meaning of the CLP regulation and related classification: None

4. First Aid Measures

Description of All First Aid Measures

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|--------------|---|---|
| Skin Contact | : | Wash with plenty of water and soap. |
| Eye Contact | : | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| Ingestion | : | Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY. |
| Inhalation | : | Remove casualty to fresh air and keep warm and at rest. |

Most Important Symptoms and Effects, Both Acute and Delayed:

Vomiting, Headache, Irritation of the eyes, skin, nose, and throat

Indication of any Immediate Medical Attention and Special Treatment Needed:

Treat symptomatically

5. Firefighting Measures

Extinguishing Media:

- | | | |
|---|---|---|
| Suitable extinguishing media | : | Water. Carbon dioxide (CO ₂). |
| Extinguishing media which must not be used for safety reasons | : | None in particular. |

Special Hazards Arising from the Substance or Mixture : Do not inhale explosion and combustion gases. Burning produces heavy smoke.

Advice for Firefighters : Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures : Wear personal protection equipment. Remove persons to safety. See protective measures under point 7 and 8.

Environmental Precautions : Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable Material for Taking Up : Absorbing material, organic, sand

Methods and Material for Containment and Cleaning Up : Wash with plenty of water.

Reference to Other Sections : See also section 8 and 13

7. Handling and Storage

Precautions for Safe Handling : Avoid contact with skin and eyes, inhalation of vapors and mists. See also section 8 for recommended protective equipment.

Advice on general occupational hygiene	: Do not eat or drink while working.
Conditions for Safe Storage, Including any Incompatibilities	: Store away from frost and sunlight (+5°C / +30°C)
Shelf-life	: Max 2 years from production batch date, in sealed and healthy package, stored in a dry place.
Handling	: Product should be homogenized before use, especially in the following cases: <ul style="list-style-type: none"> - Whenever partial volumes are taken from the drum. - When product is stored at low temperatures (less than 6°C). - When product rests in stock for a long period of time (more than six months). Keep away from food, drink and feed.
Incompatible materials	: None in particular.
Instructions as regards storage premises	: Adequately ventilated premises.
Specific end use(s)	: None in particular.

8. Exposure Controls/Personal Protection

Control Parameters	: No occupational exposure limit available.
DNEL Exposure Limit Values	: N.A.
PNEC Exposure Limit Values	: N.A.
Exposure Controls	
Eye Protection	: Eyeglasses with side protection.
Protection for skin	: Overall. Safety shoes. Lab coat.
Protection for hands	: Suitable gloves type: Chemical resistant gloves (EN 374). One-time gloves.
Respiratory protection	: In the case in which the product, during the application, develops fog and/or aerosol: Filtering device (DIN EN 147).
Thermal Hazards	: None.
Environmental Exposure Controls	: None. Use good hygiene practices and workplace safety.

9. Physical and Chemical Properties

Physical State	: Liquid	Vapor Pressure	: N.A.
Color	: Light yellow	Relative Vapor Density	: N.A.
Odor	: Characteristic	Solubility in Water	: Completely soluble
Density and/or Relative Density	: 1.052 g/mL approx.	Solubility in Oil	: N.A.
pH	: 6.5	Auto-ignition Temperature	: Not relevant
Melting Point/Freezing Point	: 10°C approx.	Decomposition Temperature	: Not relevant
Boiling Point or Initial Point and Boiling Range	: 100°C approx.	Partition Coefficient n-octanol/water (log value)	: N.A.
Flammability	: N.A.	Flash Point	: >100°C

Lower and Upper Explosion Limit	: N.A.	Kinematic Viscosity (40°C)	: > 20.5 mm ² /sec
Particle Size	: N.A.	Explosive Properties	: No
Oxidizing Properties	: No	Fat Solubility	: Soluble in ethanol

10. Stability and Reactivity

Reactivity	: Stable under normal conditions.
Chemical Stability	: Stable under normal conditions.
Possibility of Hazardous Reactions	: None.
Conditions to Avoid	: Stable under normal conditions.
Incompatible Materials	: None in particular.
Hazardous Decomposition Products	: None.

11. Toxicological Information

Information on Hazard Classes as Defined in Regulation (EC) No 1272/2008

Toxicological Information of the Product: Eteric AH-LF

Acute toxicity	: Not classified. Based on available data, the classification criteria are not met.
Skin corrosion/irritation	: Not classified. Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Not classified. Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	: Not classified. Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Not classified. Based on available data, the classification criteria are not met.
Carcinogenicity	: Not classified. Based on available data, the classification criteria are not met.
Reproductive toxicity	: Not classified. Based on available data, the classification criteria are not met.
STOT-single exposure	: Not classified. Based on available data, the classification criteria are not met.
STOT-repeated exposure	: Not classified. Based on available data, the classification criteria are not met.
Aspiration hazard	: Not classified. Based on available data, the classification criteria are not met.

Toxicological Information of the Main Substances Found in the Product

Information on Other Hazards

Endocrine disrupting properties	: No endocrine disruptor substances present in concentration \geq 0.1%.
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12. Ecological Information

Toxicity	: Adopt good workplace practices, so that the product is not released into the environment.
Eteric AH-LF	: Not classified for environmental hazards. Based on available data, the classification criteria are not met.
Persistence and Degradability	: N.A.
Bioaccumulative Potential	: N.A.
Mobility in Soil	: N.A.

Results of PBT and vPvB Assessment	: vPvB Substances: None PBT Substances: None
Endocrine Disrupting Properties	: No endocrine disruptor substances present in concentration $\geq 0.1\%$
Other Adverse Effects	: None

13. Disposal Considerations

Waste Treatment Methods	: Recover if possible. In so doing, comply with the local and national regulations currently in force.
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14. Transportation Information

UN Number or ID Number	: Not classified as dangerous in the meaning of transport regulations.
UN Proper Shipping Name	: N.A.
Transport Hazard Class(es)	: N.A.
Packing Group	: N.A.
Environmental Hazards	: ADR-Environmental Pollutant: No IMDG-Marine Pollutant: No
Special Precautions for User	: N.A.
Maritime Transport in Bulk	: N.A.
According to IMO Instruments	

The Product is Transported in Conditions That Comply with Exemption Criteria for ADR Transport.

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Risks related to chemical limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)
 Regulation (EU) n. 2020/1182 (ATP 15 CLP)
 Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions Related to the Product or the Substances Contained According to Annex XVII Regulation (EC) 1907/2006 (REACH) and Subsequent Modifications

Restrictions related to the product : No restriction
 Restrictions related to the substances contained : No restriction

All the Compounds of this Blend are Listed on TSCA List

Volatile Organic Compounds – VOCs : 0.00%

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Volatile CMR Substances : 0.00%

Halogenated VOCs which are assigned the risk phrase R40 : 0.00%

Organic Carbon – C : 0.00

Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III)
 Regulation (EC) nr 648/2004 (detergents)
 Dir. 2004/42/EC (VOC directive)

Provisions Related to Directive EU 2012/18 (Seveso III)

Seveso III category according to Annex 1, part 1 : None

Chemical Safety Assessment : No Chemical Safety Assessment has been carried out for the mixture.

16. Other Information

Legend:

CAS: Chemical Abstracts Service (division of the American Chemical Society)	LD: Lethal Dose
EC50: Effective Concentration 50%	NOEC: No observable effect concentration
EPA: Environmental Protection Agency	OECD: Organization for Economic Co-operation and Development
IMDG: International Maritime Dangerous Goods	STOT: Specific Target Organ Toxicity
IOC: Inventory of Chemicals	TSCA: Toxic Substance Control Act
LC: Lethal Concentration	

Disclaimer:

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed, or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.