SAFETY DATA SHEET
HUNTEX SL-17

Version 1.0
Revision date: 18/04/2019
Print Date: 18/04/2019

1. Identification of the substance/ mixture and of the company/ undertaking

1.1. Product identifier

Trade name : HUNTEX SL-17
Chemical Name: : Mixture of fatty acid and surfactants.

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Textile auxiliary.
Non-recommended : none known.

1.3. Details of the supplier of the safety data sheet

Company : HUNG XUONG CHEMICAL CO., LTD.
Telephone : +84 272 377 8055/56
Telefax : +84 272 377 80
E-mail : info@hungxuong.com

1.4. Emergency telephone number

Emergency : +84 272 377 8055
Information :

2. Hazards identification

2.1. Classification of the substance or mixture

GHS Classification and classification according to Regulation on classification and labeling of chemicals - Number 04/2012/TT-BCT.

Serious eye damage/eye irritation: Category 2A.
Aquatic Acute : Category 3

2.2. Label elements

GHS Label element

Hazard pictograms :

Signal word : Warning
Hazard statement :

H319- Causes serious eye irritation.
H402- Harmful to aquatic life

Precautionary statement:

Prevention :

P264- Wash hands thoroughly after handling.
P280- Wear protective gloves/protective clothing/eye protection/face protection.
P273- Avoid release to the environment.

Response :

P305+P351+P338 – If in eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313- If eye irritation persist –Get medical advice/ attention.

Storage : No special measures required.
Disposal :

P501- Disposal of contents / container in accordance with national regulations.

2.3. Other hazards

None known

3. Composition/information on ingredients

3.1. Substance

-

3.2. Mixture

Information on ingredients / Hazardous components

Chemical Name	CAS-No	Concentration (%)	Classification GHS
Polyoxyethylene ether	68439-50-9	0.5	Aquatic Acute.1, H400 Aquatic Chronic.3, H412 (Refer to ECHA.com)
Fatty acid ester	Proprietary	7	Not classified (Refer to SDS of the supplier)
Alcohol ethoxylated	Proprietary	2.3	Eye Dam.1, H318. (Refer to SDS of the supplier)
Di-(hard tallow fatty acid amidoethyl) amino polyethoxilate		5	Not classified (Refer to SDS of the supplier)
Acetic acid	64-19-7	0.3	Flam.Liq. 3, H226 Skin Corr.1A, H314. (Refer to ECHA.com)
Benzalkonium chloride	8001-54-5	0.13	Acute Toxicity-Oral.4, H302 Acute Toxicity Inhal.4, H331 Acute Toxicity-Dermal.4,H312 Skin Corr.1A, H314 Aquatic Acute.1, H400 Aquatic Chronic.3, H412 (Refer to ECHA.com)

4. First aid measures

4.1. Description of first aid measures

General advice : If medical advice is needed, provide SDS document to physician.

Inhalation : Remove the victim from exposure or move to well- ventilated area.

If there is difficulty in breathing, medical advice is required.

Skin contact : After contact with skin, wash with plenty of soap and water. Remove contaminated clothing, shoes and leather accessories.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persist –Get medical advice/ attention .

Ingestion : In case of swallowing, rinse mouth, drink plenty of water. If feel unwell, seek medical advice. Keep at rest. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : no special hints

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : fine water spray, foam, dry powder, CO_2

Unsuitable extinguishing media : no data available.

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: carbon monoxide, carbon dioxide, oxides of nitrogen and ammonia.

5.3. Advice for firefighters

On burning, fire fighter should wear self-contained breathing apparatus if risk of exposure to to product of combustion.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not touch or walk through spilled material.

6.2. Environmental precautions

Take up and fill into a closable container. Prevent run off into drains and waterways.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into absorbent material, eg: soil, sand and other non-flammable absorbent material.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : wear protective equipment when working.

Hygiene measures : Do not eat, drink or smoke when working. Wash hands before breaks and after work.

General protective measures : Do not inhale gases/ vapors/ aerosols. Avoid contact with eyes and skin.

7.2. Condition for safe storage, including any incompatibilities

Prevention of fire and explosion

Information : no special measures required.

Storage

Information : none

Further Information on storage conditions:

Keep container tightly closed and store in a cool, dry well- ventilated location. Store away from heat, flames, ignition sources, strong oxidizing agents and isocyanates. Check regularly for leaks.

8. Exposure controls / Personal protection

8.1. Control parameters

Exposure limit(s)

Ingredient	CAS-No	Statutory basis	Value type (From of exposure; Expressed as)	Occupational exposure limit
Acetic acid	64-19-7	Decision, No.3733/2002/QD-BYT.	TWA	10 ppm or 25 mg/m3

8.2. Exposure controls

Appropriate engineering controls : operate in well- ventilated area.

Personal protective equipment

Eye protection : wear safety goggles.

Hand protection : protective gloves.

Body protection : protective working clothes and safety shoes.

Respiratory protection : wear respirator

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state or appearance: viscous fluid

Color : white like milk

Odor : odorless.

Odor Threshold : no data available.

pH of 1% liquid (25°c) : 4-6.

Melting point : no data available.

Boiling point : no data available.

Flash point : > 95°c

Evaporation rate : no data available.

Flammability : no data available.

Upper Explosion/Ignition limit: no data available.

Lower explosion limit : no data available.

Vapor pressure : no data available.

Relative vapor : no data available.

Relative density	: no data available.
Solubility	: soluble in water.
Partition coefficient (n-octanol/water)	: no data available.
Autoignition temperature	: no data available.
Thermal decomposition	: no data available.
Viscosity, kinematic	: no data available.
Viscosity, Dynamic	: no data available.
Oxidizing properties	: no data available.

9.2. Other Information

Density	: ≈1.0 g/cm3.(25°c)
Metal corrosion	: no data available.

10. Stability and reactivity

10.1. Reactivity

Stable in normal room temperature.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

Heat, flames, ignition sources and incompatibles.

10.5. Incompatible materials

Avoid contact with strong oxidizing agents and isocyanates.

10.6 Hazardous decomposition products

Carbon dioxide , carbon monoxide and nitrogen oxides may form when heated to decomposition.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: not classified.
Acute toxicity (inhalation)	: not classified.
Acute toxicity (dermal)	: not classified.

.

Irritation/corrosion of the skin	: not classified.
Serious eye damage/ eye irritation	: Causes serious eye irritation.
Repeated dose toxicity	: not classified.

CMR assessment

Carcinogenicity : not classified.
Mutagenicity : not classified.

Teratogenicity : not classified.
Toxicity to reproduction: not classified.
Specific Target Organ : not classified.

toxicity-single exposure
Specific Target Organ : not classified.
toxicity-Repeated exposure
Aspiration hazard : not classified.

12. Ecological information

12.1. Ecotoxicity

Harmful to aquatic life

12.2. Persistence and degradability

Biodegradability (BOD5/ COD): 11%
Biochemical oxygen demand (BOD5): 40.2 mg/g
Chemical oxygen demand (COD): 366 mg/g

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Other adverse effects

No data available.

13. Disposal considerations

13.1 Waste treatment methods

Waste from residue: Disposal should be in accordance with local regulations and legislation.
Contaminated packaging: Dispose of empty contaminated containers in accordance with regulations and legislation.

14. Transport information

Not classified as dangerous goods for transport

D.O.T Road/Rail

UN number : not applicable.
UN proper shipping name: not applicable.
Transport hazard class (es): not applicable.
. Packing group : not applicable.
Environmental hazards (Marine pollutant): not applicable.
Transport in bulk : not applicable.
. Special precaution for user: not applicable.

Air transport ICAO-TI/IATA-DGR

. UN number : not applicable.

UN proper shipping name: not applicable.
Transport hazard class(es): not applicable.
Packing group : not applicable.
Environmental hazards : not applicable.
Transport in bulk : not applicable.
. Special precaution for user: not applicable.

Sea transport IMDG

UN number : not applicable.
UN proper shipping name: not applicable.
Transport hazard class(es): not applicable.
Packing group : not applicable.
Environmental hazards (Marine pollutant): not applicable.
Transport in bulk : not applicable.
Special precaution for user: not applicable.

15. Regulatory information

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture.

- Regulation on classification and labeling of chemicals - Number 04/2012/TT-BCT - Date issued :13/02/2012
- Regulations on the list of hazardous industrial goods to be packed in the process of transporting and transporting dangerous industrial goods by road, rail and inland waterway transport - number: 44/2012/TT-BCT - Date issued 28/12/2012
- National technical standard for ambient air quality - QCVN05:2013/BTNMT
- National technical regulation on some hazardous substances in the surrounding air - QCVN06:2009/BTNMT
- Regulations on the labeling of chemicals based on GHS according to Circular No. 32/2017 / BCT
- Decision, No.3733/2002/QD-BYT.

16. Other information

The information in the sheet were written based on the best knowledge and experience currently available but without liability.
SDS prepared on: Jan 18, 2019
Revision date : April 18, 2019
Version 1.0
Legend
TWA: Time Weighted Average
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods
Flam. Liq. 3: flammable liquid, hazard category 3
Skin Corr. 1A : skin corrosion, hazard category 1A
Eye Dam.1: eye damage, hazard category 1.

Eye Irrit.2A: eye irritation, hazard category 2A.

Acute Tox- Inhal.4: acute toxicity inhalation, hazard category 4.
Acute Tox- Dermal.4: acute toxicity dermal, hazard category 4.
Acute Tox- Oral.4: acute toxicity oral, hazard category 4.
Aquatic Acute.1: Aquatic acute, hazard category 1
Aquatic Chronic.3: Aquatic chronic, hazard category 3
H226: Flammable liquid and vapor.
H302:Harmful if swallowed
H332: Harmful if inhaled
H312: Harmful in contact with skin
H314: Causes severe skin burns and eye damage
H318: Causes serious eye damage
H319: Causes serious eye irritation
H400- Very toxic to aquatic life.
H402- Harmful to aquatic life
H412- Harmful to aquatic life with long lasting effects.