



SAFETY DATA SHEET

HUNTEX LN-09

Version 1.0
Revision date: 02/12/2020
Print Date:

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

1.1. Product identifier

Trade name : HUNTEX LN-09
Chemical Name : Amines, tallow alkyl, ethoxylated.

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 – Circular Number 32/2017/TT-BCT.

Acute toxicity-Oral : Category 5
Acute toxicity-Inhalation : Category 3
Serious eye damage/eye irritation : Category 1
Aquatic Acute : Category 3
Aquatic Chronic : Category 3

2.2. Label elements

GHS Label element

Hazard pictograms :



Signal word : DANGER

Hazard statement :

H303- May be harmful if swallowed
H331- Toxic if inhaled
H318- Causes serious eye damage.
H402- Harmful to aquatic life.
H412- Harmful to aquatic life with long-lasting effects.

Precautionary statement:

Prevention :

P261- Avoid breathing dust/fume/gas/mist/vapours/spray.
P271- Use only outdoors or in a well-ventilated area.
P280- Wear eye protection/face protection.
P273- Avoid release to the environment.

Response :

P301 + P317- IF SWALLOWED: Get medical help.
P304 + P340- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.



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P316- Get emergency medical help immediately.
P305+P354+P338- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P317- Get medical help.

Storage : P403 + P233- Store in a well-ventilated place. Keep container tightly closed.

Disposal : P405- Store locked up.

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 |
|--------------------|------------|-------------------|---|
| Tallow amine 15 EO | 61791-26-2 | 24 | Acute Toxicity-Oral.4, H302. Acute Toxicity-Inhal.2, H330. Eye Dam.1, H318. Aquatic Acute.2, H401. Aquatic Chronic.2, H411 (https://www.cesio.eu/images/content/CE_SIO_CL_Recommendations_Brochure_Updated.pdf) |

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. Immediately call a POISON CENTER or doctor/ physician

Ingestion : In case of swallowing, rinse mouth with water, drink plenty of water. If feel unwell, seek medical advice.



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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, CO₂

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, Nitrogen oxides.

5.3. Advice for firefighters

On burning will emit toxic fumes, fire fighter should wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or product of combustion.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid slippery, 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, wear safety goggles 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 and incompatibles. Avoid contact with strong acids, strong alkalis, oxidizing agents. Check regularly for leaks.

8. Exposure controls / Personal protection

8.1. Control parameters

Exposure limit(s) :

| Ingredient | CAS-No | Value type (From of exposure; Expressed as) | Occupational exposure limit |
|------------|--------|---|-----------------------------|
|------------|--------|---|-----------------------------|



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| | | | |
|------|--|--|--|
| None | | | |
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| | | | |

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
Hygiene measures : keep away from foodstuff. Always wash hands before eating, drinking, smoking. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state or appearance: liquid
Color : yellowish
Odor : odorless
Odor Threshold : no data available.
pH of 1% liquid (25°C) : 7.5- 9.5.
Melting point : no data available.
Boiling point : no data available.
Flash point : > 150°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 : no data available.
(n-octanol/water)
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- 1.01 g/cm³.(25°C)
Metal corrosion : no data available.

10. Stability and reactivity

10.1. Reactivity



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- Stable in normal room temperature.
- 10.2. Chemical stability**
The product is stable under normal conditions.
- 10.3. Possibility of hazardous reactions**
No hazards to be specially mentioned.
- 10.4 Conditions to avoid**
Heat, flames, ignition sources and incompatibles.
- 10.5. Incompatible materials**
Avoid contact with strong acids, strong alkalis and oxidizing agents.
- 10.6 Hazardous decomposition products**
Carbon dioxide, carbon monoxide and nitrogen oxides may form when heated to decomposition.
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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : May be harmful if swallowed.

Acute toxicity : Toxic if inhaled.
(inhalation)

Acute toxicity (dermal) : not classified.

Irritation/corrosion : not classified.
of the skin

Serious eye damage/ : Causes serious eye damage.
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 with long-lasting effects

12.2. Persistence and degradability

Biodegradability (BOD5/ COD): 34%.

Biochemical oxygen demand (BOD5): 155 mg/g.

Chemical oxygen demand (COD): 458 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



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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.



Hazard label: additional labeling

Transport hazard class(es): 6.1.

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.



Hazard label: additional labeling

Transport hazard class(es): 6.1

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.



Hazard label: additional labeling

Transport hazard class(es): 6.1.

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 - Circular Number 32/2017/TT-BCT. Date issued : 28/12/2017.



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- 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/QĐ-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: September 14, 2019

Revision date : Dec 02, 2020.

Version 1.0

Legend

TWA: Time Weighted Average

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods

Acute Toxicity-Oral.4: Acute toxicity oral, hazard category 4.

Acute Toxicity-Inhal.2: Acute toxicity inhalation, hazard category 2.

Eye Dam.1: eye damage, hazard category 1.

Aquatic Acute.2: Aquatic acute, hazard category 2

Aquatic Chronic.2: Aquatic chronic, hazard category 2

H302- Harmful if swallowed.

H330- Fatal if inhaled.

H318- Causes serious eye damage.

H401- Toxic to aquatic life.

H411- Toxic to aquatic life with long-lasting effects.