



# SAFETY DATA SHEET

## HUNTEX ASP-56

Version 1.0  
Revision date: 9 / 5 /2019  
Print Date: 9 / 5 /2019

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

#### 1.1. Product identifier

Trade name : HUNTEX ASP-56  
Chemical Name : Mixture of 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.**

Acute toxicity-Oral : Category 5.  
Skin corrosion/irritation : Category 2.  
Serious eye damage/eye irritation : Category 1.  
Aquatic Acute : Category 2.

#### 2.2. Label elements

##### GHS Label elements



Hazard pictograms :  
Signal word : DANGER  
Hazard statement :

H303- May be harmful if swallowed.  
H315- Causes skin irritation.  
H318- Causes serious eye damage.  
H401- Toxic 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 :

P312- Call a POISON CENTER or doctor/physician if you feel unwell.



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P302 + P352- If on skin. Wash with plenty of soap and water.  
P332 + P313- If skin irritation occurs. Get medical advice/ attention.

P362 + P364 - Take off contaminated clothing and wash before reuse.

P305+P351+P338- IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310- Immediately call a POISON CENTER or doctor/physician.

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  |
|---------------------------|-------------|-------------------|---|
| Lauryl alcohol ethoxylate | 9002-92-0   | 24.5              | Acute Toxicity-Oral.4, H302.<br>Skin Irrit.2, H315.<br>Eye Dam.1, H318.<br>Aquatic Acute.1, H400.<br>Aquatic Chronic.3, H412<br>( Refer to<br><a href="https://echa.europa.eu/registration-dossier/-/registered-dossier/10916/2/1">https://echa.europa.eu/registration-dossier/-/registered-dossier/10916/2/1</a> ) |
| Proprietary               | Proprietary | 1.3-2.3           | Eye Irrit.2, H319.<br>Aquatic Chronic.3, H412.<br>( Refer to SDS of the supplier )  |
| Proprietary               | Proprietary | 0.2- 0.32         | Aquatic Chronic.3, H412.<br>( Refer to SDS of the supplier )  |



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|                 |          |           |   |
|-----------------|----------|-----------|---|
| 2-Butoxyethanol | 111-76-2 | 0.2- 0.32 | Acute Tox- Oral.4, H302.<br>Acute Tox-Dermal.4, H312.<br>Acute Tox-Inhal.4, H332.<br>Skin Irrit.2, H315.<br>Eye Irrit.2, H319.<br>( Refer to<br><a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.003.550">https://echa.europa.eu/brief-profile/-/briefprofile/100.003.550</a> ) |
| Isopropanol     | 67-63-0  | 3         | Flam.Liq.2, H225<br>Eye Irrit.2, H319<br>STOT-SE 3, H335<br>( refer to<br><a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.000.601">https://echa.europa.eu/brief-profile/-/briefprofile/100.000.601</a> )   |

#### 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 persists –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<sub>2</sub>
- 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.



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### 5.3. Advice for firefighters

On burning, fire fighter should wear self-contained breathing apparatus if risk of exposure 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/ vapours/ 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. 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 |
|-----------------------------|---------|--------------------------------|---|-----------------------------|
| 2-Propanol<br>(Isopropanol) | 67-63-0 | (Decision.No.3733/2002/QD-BYT) | TWA   | 350 mg/m <sup>3</sup>       |
|                             |         | (Decision.No.3733/2002/QD-BYT) | STEL  | 600 mg/m <sup>3</sup>       |

### 8.2. Exposure controls

Appropriate : operate in well- ventilated area.



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engineering controls

Personal protective equipment

Eye protection : wear safety goggles.

Hand protection : protective gloves.

Body protection : protective working clothes and safety shoes.

Respiratory protection : wear respirator

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state or appearance: liquid

Color : colorless.

Odor : characteristic, odor resembling that a slight alcohol.

Odor Threshold : no data available.

pH of 1% liquid (25°C) : 6-8.

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.

Vapour pressure : no data available.

Relative vapour : 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 :  $\approx 1.0 \text{ g/cm}^3$ .(25°C)

Metal corrosion : no data available.

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## 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



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- No dangerous reactions known
- 10.4 Conditions to avoid**  
Heat, flames, ignition sources and incompatibles.
- 10.5 Incompatible materials**  
Avoid contact with strong acids and oxidizing agents.
- 10.6 Hazardous decomposition products**  
Carbon dioxide and carbon monoxide may form when heated to decomposition.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : May be harmful if swallowed.  
Acute toxicity (inhalation) : not classified.  
Acute toxicity (dermal) : not classified.  
Irritation/corrosion of the skin : Causes skin irritation.  
Serious eye damage/ eye irritation : Causes serious eye damage.  
Repeated dose toxicity : not classified.

#### CMR assessment

Carcinogenicity : not classified.  
Mutagenicity : not classified.  
Teratogenicity : not classified.  
Toxicity to reproduction: not classified.  
Specific Target Organ toxicity-single exposure : not classified.  
Specific Target Organ toxicity-Repeated exposure : not classified.  
Aspiration hazard : not classified.

## 12. Ecological information

### 12.1. Ecotoxicity

Aquatic Acute toxicity: Toxic to aquatic life.

### 12.2. Persistence and degradability

Biodegradability : > 70%  
Biochemical oxygen demand (BOD5): 246 mg/g.  
Chemical oxygen demand (COD): 852 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.



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### 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.

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### 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: 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.  
Hazard label: not applicable.  
Transport hazard class(es): not applicable.  
Packing group : not applicable.  
Environmental hazards (Marine pollutant): yes  
Transport in bulk : not applicable.  
Special precaution for user: not applicable.

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### 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



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- 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: Jan 10, 2019

Revision date : May 9, 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. 2: flammable liquid, hazard category 2

Acute Tox- Oral.4: acute toxicity oral, hazard category 4.

Acute Tox-Dermal.4: acute toxicity dermal, hazard category 4.

Acute Tox-Inhal.4: acute toxicity inhalation, hazard category 4.

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

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

Skin Irrit. 2: skin irritation, hazard category 2.

STOT SE 3: Specific target organ toxicity- single exposure, hazard category 3

Aquatic Acute.1: Aquatic acute, hazard category 1.

Aquatic Chronic.3: Aquatic chronic, hazard category 3.

H225- Highly flammable liquid and vapor

H302- Harmful if swallowed.

H332- Harmful if inhaled

H312- Harmful in contact with skin

H315- Causes skin irritation

H318- Causes serious eye damage.

H319- Causes serious eye irritation.

H335-May cause respiratory irritation

H400- Very toxic to aquatic life.

H412- Harmful to aquatic life with long-lasting effects