



# SAFETY DATA SHEET

## HUNTEX ASP-56

Version 1.0  
Revision date: 28 / 11 /2020  
Print Date:

### 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 – Circular Number 32/2017/TT-BCT.**

Acute toxicity-Oral : Category 5.  
Serious eye damage/eye irritation: Category 2.  
Aquatic Acute : Category 2.  
Aquatic Chronic : Category 2.

#### 2.2. Label elements

##### GHS Label elements



Hazard pictograms :

Signal word :

WARNING

Hazard statement :

H303- May be harmful if swallowed.

H319- Causes serious eye irritation.

H401- Toxic to aquatic life.

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

Precautionary statement:

Prevention :

P264- Wash hands thoroughly after handling.

P280- Wear eye protection/face protection.

P273- Avoid release to the environment.

Response :

P301 + P317- IF SWALLOWED: Get medical help.

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 + P317- If eye irritation persists: Get medical help.



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P391- Collect spillage.

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

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### 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. Eye Irrit.2, H319. Aquatic Acute.1, H400. Aquatic Chronic.1, H410 ( Refer to <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.105.513">https://echa.europa.eu/brief-profile/-/briefprofile/100.105.513</a> )
Proprietary	Proprietary	1.3-2.3	Eye Irrit.2, H319. Aquatic Chronic.3, H412. ( Refer to SDS of the supplier )
Proprietary	Proprietary	0.2- 0.32	Aquatic Chronic.3, H412. ( Refer to SDS of the supplier )
2-Butoxyethanol	111-76-2	0.2- 0.32	Acute Tox- Oral.4, H302. Acute Tox-Inhal.4, H332. Skin Irrit.2, H315. Eye Irrit.2, H319. (Refer to <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 Eye Irrit.2, H319 STOT-SE 3, H336 (Refer to <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.000.601">https://echa.europa.eu/brief-profile/-/briefprofile/100.000.601</a> )



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### 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.

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### 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.

#### 5.3. Advice for firefighters

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

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### 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.

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### 7. Handling and storage

#### 7.1. Precautions for safe handling



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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 (Isopropanol)	67-63-0	(Decision.No.3733/20 02/QD-BYT)	TWA	350 mg/m3
		(Decision.No.3733/20 02/QD-BYT)	STEL	600 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: liquid

Color : colorless.

Odor : characteristic, odor resembling that a slight alcohol.

Odor Threshold : no data available.

pH of 1% liquid (25°C) : 6-8.



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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 : no data available.  
temperature  
Thermal : no data available.  
decomposition  
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.

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



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

## 12. Ecological information

### 12.1. Ecotoxicity

Aquatic chronic toxicity: Toxic to aquatic life with long-lasting effects.

### 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.

## 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

### D.O.T Road/Rail

UN number : not applicable.

UN proper shipping name: not applicable.



Hazard label: .



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Transport hazard class (es): 9

Packing group : not applicable.

Environmental hazards (Marine pollutant): yes.

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:

Transport hazard class (es): 9

Packing group : not applicable.

Environmental hazards (Marine pollutant): yes.

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:

Transport hazard class(es): 9

Packing group : not applicable.

Environmental hazards (Marine pollutant): yes.

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.
- 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.



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#### 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 : Nov 28, 2020

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

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

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.1: Aquatic chronic, hazard category 1.

H225- Highly flammable liquid and vapor

H302- Harmful if swallowed.

H332- Harmful if inhaled

H315- Causes skin irritation.

H319- Causes serious eye irritation.

H336- May cause drowsiness or dizziness

H400- Very toxic to aquatic life.

H410: Very toxic to aquatic life with long-lasting effects

H412- Harmful to aquatic life with long-lasting effects