



# SAFETY DATA SHEET

## HUNTEX APW-33



Version 2.0  
SDS prepared on: 29/11/2019  
Print Date: 01/11/2022

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

#### 1.1. Product identifier

Trade name : HUNTEX APW-33.  
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

| Hazard class                      | Category | Hazard class and category | Hazard statement |
|-----------------------------------|----------|---------------------------|------------------|
| Skin corrosion/irritation         | 3        | Skin Corr./Irrit. 3       | H316             |
| Serious eye damage/eye irritation | 2        | Eye Dam./Irrit. 2         | H319             |

#### 2.2. Label elements

##### GHS Label elements

Hazard pictograms : GHS07  
Signal word : WARNING  
Hazard statement : H316  
H319

##### Precautionary statement:

Prevention : P264  
P280

Response : P332+P313

P305+P351+P338



Causes mild skin irritation.  
Causes serious eye irritation.

Wash hands thoroughly after handling.  
Wear protective gloves/protective clothing/  
eye protection/face protection.  
If skin irritation occurs: Get medical advice/  
attention.  
IF IN EYES: Rinse cautiously with water for



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- several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.
- P337+P313
- Storage : No special measures required.  
Disposal : No special measures required..
- 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   |
|---------------|-------------|-------------------|--|
| Proprietary   | Proprietary | 40-41             | Acute Tox - Oral. 5, H303<br>Skin Irrit. 3, H316<br>Eye Irrit. 2, H319<br>(Refer to SDS of the supplier)                                   |
| Isopropanol   | 67-63-0     | 5                 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT - SE 3, H336<br>(Refer to <a href="https://echa.europa.eu/">https://echa.europa.eu/</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 persist – Get medical advice/attention.
- Ingestion : In case of swallowing, rinse mouth with water, 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**



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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, oxides of nitrogen and ammonia.

#### 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. 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.



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### 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/<br>2002/QD-BYT) | TWA   | 350 mg/m <sup>3</sup>       |
|                             |         | (Decision.No.3733/<br>2002/QD-BYT) | STEL  | 600 mg/m <sup>3</sup>       |

#### 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 : pale yellowish.

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.



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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.

## 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 and carbon monoxide 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 : causes mild skin irritation.  
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 : not classified.  
-Single exposure  
Specific Target Organ Toxicity : not classified.  
-Repeated exposure



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Aspiration hazard : not classified.

## 12. Ecological information

### 12.1. Ecotoxicity

No data available.

### 12.2. Persistence and degradability

Biodegradability (BOD5/ COD): No data available.

Biochemical oxygen demand (BOD5): No data available.

Chemical oxygen demand (COD): No data available.

### 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.

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.

Hazard label : not applicable.

Transport hazard class(es) : not applicable.

Packing group : not applicable.

Environmental hazards : not applicable.

Transport in bulk : not applicable.



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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) : 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.
- 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.

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Legend

TWA: Time Weighted Average.

STEL: Short Term Exposure Limit.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Dangerous Goods.

Flam. Liq. 2: Flammable liquid, hazard category 2.

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

Acute Tox - Oral. 5: Acute toxicity - oral, hazard category 5.

Skin Corr./Irrit. 3: Skin corrosion/irritation, hazard category 3.



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Skin Irrit. 3: Skin irritation, hazard category 3.  
Eye Dam./Irrit. 2: Serious eye damage/eye irritation, hazard category 2.  
Eye Irrit. 2: eye irritation, hazard category 2.  
H225 Highly flammable liquid and vapour.  
H303 May be harmful if swallowed  
H316 Causes mild skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**THE END**