



# SAFETY DATA SHEET

## HUNTEX DI-01

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 DI-01  
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.**

Skin corrosion/irritation : Category 3.  
Serious eye damage/eye irritation: Category 2.  
Aquatic toxicity-Chronic : Category 3

#### 2.2. Label elements

##### GHS Label element



Hazard pictograms :  
Signal word : WARNING  
Hazard statement :

H316- Causes mild skin irritation.  
H319- Causes serious eye irritation.  
H412- Harmful 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 :

P332 + P317- If skin irritation occurs: 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.

Storage :



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Disposal : No special measures required.  
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
Proprietary	Proprietary	34-35	Eye Irrit.2, H319. Aquatic Chronic.3, H412. ( Refer to SDS of the supplier )
Proprietary	Proprietary	4-5	Aquatic Chronic.3, H412. ( Refer to SDS of the supplier )
2-Butoxyethanol	111-76-2	4-5	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> )

## 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



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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, 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 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.



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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-Butoxyethanol	111-76-2	(Decision.No.3733/2002/QĐ-BYT)	TWA	240 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

### 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) : 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.

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.



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- 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

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.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : not classified.

Acute toxicity : not classified.  
(inhalation)

Acute toxicity (dermal) : not classified.

Irritation/corrosion : Causes mild skin irritation.  
of the skin

Serious eye damage/ : Causes serious eye irritation.  
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.

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## 12. Ecological information

### 12.1. Ecotoxicity



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Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

Biodegradability (BOD5/ COD): 25%

Biochemical oxygen demand (BOD5): 186 mg/g

Chemical oxygen demand (COD): 737 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.



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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 - 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.

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

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.

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

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

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

H302:Harmful if swallowed

H332: Harmful if inhaled

H315: Causes skin irritation

H316: Causes mild skin irritation.

H319: Causes serious eye irritation

H412: Harmful to aquatic life with long-lasting effects



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