



# SAFETY DATA SHEET

## HUNTEX TV-002

Version 1.0  
SDS prepared on: 26/09/2022  
Print Date: 26/09/2022

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

#### 1.1. Product identifier

Trade name: HUNTEX TV-002

Chemical Name: Mixture.

#### 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**

Mixture

#### 2.2. Label elements

**GHS Label elements**

Hazard pictograms : GHS07



Signal word : Danger

Hazard statement : H302

H316

H319

H402

Harmful if swallowed.

Causes mild skin irritation.

Causes serious eye irritation.

Harmful to aquatic life.

Precautionary statement:

Prevention : P264

P270

P273

P280

Response : P301+P312

P330

P332+P313

Wash hands and contaminated body thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth.

If skin irritation occurs: Get medical advice/attention.



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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+P313

If eye irritation persists: Get medical advice/attention.

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

Disposal : P501 Dispose of contents/container to industrial combustion plant.

### 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
(1-Hydroxyethylidene)Bis-Phosphonic Acid Tetrasodium Salt	3794-83-0	15%	Acute tox. 4, H302 Eye Dam./Irrit. 2A, H319
sodium, [2-[2-bis(phosphonomethyl)amino]ethyl-(phosphonomethyl)amino]ethyl-(phosphonomethyl)amino]methyl-hydroxyphosphinate	22042-96-2	5%	Eye Dam./Irrit. 2B, H320 Skin Corr./Irrit. 3, H316 Aquatic Acute 2, H401

## 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 with water, drink plenty of water. If feel unwell, seek medical advice.

### 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.

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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 (CO), carbon dioxide, nitrogen oxides (NO<sub>x</sub>), phosphorus oxides (P<sub>x</sub>O<sub>y</sub>), phosphines.

#### 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.

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### 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.

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### 7. Handling and storage

#### 7.1. Precautions for safe handling

Advice on safe : wear protective equipment, wear safety goggles when working handling.

Hygiene measures : Do not eat, drink or smoke when working. Wash hands before breaks and after work.

General protective : Do not inhale gases/ vapours/ aerosols. Avoid contact with eyes measures 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, temperature 15-25°C, dry well- ventilated location. Store away from heat, flames, ignition sources and incompatibles. Avoid contact with alkalis, oxidizing agents. Check regularly for leaks.

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### 8. Exposure controls / Personal protection

#### 8.1. Control parameters



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Exposure limit(s) :

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

### 8.2. Exposure controls

Appropriate : operate in well- ventilated area.

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.

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 : colorless.

Odor : characteristic

Odor Threshold : no data available.

pH of 1% liquid (25°C) : no data available

Melting point : no data available.

Boiling point : no data available.

Flash point : no data available.

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.



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- Viscosity, Dynamic : no data available.  
Oxidizing properties : no data available.
- 9.2. Other Information**
- Density : no data available.  
Metal corrosion : no data available.
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### **10. Stability and reactivity**

#### **10.1. Reactivity**

May be corrosive to metals.

#### **10.2. Chemical stability**

The product is stable under normal conditions.

#### **10.3. Possibility of hazardous reactions**

None under normal processing.

May react with steel and aluminum.

#### **10.4 Conditions to avoid**

Heat, flames, ignition sources and incompatibles.

#### **10.5. Incompatible materials**

Strong oxidizing agents, aluminum and mild steel.

#### **10.6 Hazardous decomposition products**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), phosphorus oxides (P<sub>x</sub>O<sub>y</sub>), phosphines 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 (inhalation) : not classified.

Acute toxicity (dermal) : not classified.

Irritation/corrosion of the skin : not classified.

Serious eye damage/eye irritation : not classified.

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

No data available.

#### 12.2. Persistence and degradability

Biodegradability : No data available

Biochemical oxygen demand (BOD5): Degrades after acclimatization.

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

#### D.O.T Road/Rail

UN number : not applicable.

UN Proper Shipping Name : not applicable.

Hazard label :



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 :



Transport hazard class(es) : not applicable.



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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 :



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.



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ICAO: International Civil Aviation Organization.

IMDG: International Maritime Dangerous Goods.

Acute tox. 4: Acute toxicity - Oral, hazard category 4.

Eye Dam./Irrit. 2A: Serious Eye Damage/Irritation, hazard category 2A.

Eye Dam./Irrit. 2B: Serious Eye Damage/Irritation, hazard category 2B.

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

Aquatic Acute 2: Acute hazards to the aquatic environment, hazard category 2.