**SECTION 1: Identification of the substance/mixture and of the company**

**1.1 Product identifier**

Trade name **Huntex TV-001**

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses Cleaning/surfactant, emulsifying, foaming

**1.3 Details of the supplier of the safety data sheet**

Hung Xuong Chemical Company Limited

Address: Hai Son Industrial Park, Binh Tien 2 Hamlet, Duc Hoa Ha Commune,

Duc Hoa District, Long An Province, Vietnam

Representative office: 28/18/15 Luong The Vinh, Tan Thoi Hoa Ward,

Tan Phu District, Ho Chi Minh City, Vietnam

Telephone: 028 39610618/28

Fax: 028 39610633

Mail: [sales@hungxuong.com.vn](mailto:sales@hungxuong.com.vn)

Website: <http://hungxuong.com.vn/>

**1.4 Emergency telephone number**

Emergency information service: (+84) 906 967 098 (Lu Quoc Minh - Sales Manager)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Section | Hazard class | Category | Hazard class and category | Hazard statement |
| 3.1D | Acute toxicity (dermal) | 4 | Acute tox. 4 | H312 |
| 3.2 | Skin corrosion/irritation | 2 | Skin Irrit. 2 | H315 |
| 3.3 | Serious eye damage/eye irritation | 1 | Eye Dam. 1 | H318 |
| 4.1C | Hazardous to the aquatic environment - chronic hazard | 3 | Aquatic chronic 3 | H412 |

For full text of abbreviations: see SECTION 16.

**2.2 Label elements**

Labeling according to Regulation (EC) No 1272/2008 (CLP)

* Hazard pictogram(s):

GHS05, GHS07  

* Signal word: Danger
* Hazard statements:

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

* Precautionary statements:

Prevention:

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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/doctor.

P321 Specific treatment (see on this label).

Storage:

P501 Dispose of contents/container to industrial combustion plant.

**2.3 Other hazards**

None if used properly.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixture**

Description: mixture of mild stabilizers, solution

**Dangerous components:**

Name: Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Content:

CAS-no: 68891-38-3

CLP classification: Acute tox. 4, H312

Skin Irrit. 2, H315

Eye Dam. 1, H318

Aquatic chronic 4, H412

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

General notes:

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm and still. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation:

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact:

Rinse skin with water/shower.

Following eye contact:

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.

Following ingestion:

Rinse your mouth with water and then drink plenty of water (only if the person is conscious). Do not vomit unless directed by a poison control center or doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms and effects are not known to date.

**4.3 Indication of any immediate medical attention and special treatment needed**

Nothing special

Information to medics: Bring this safety data sheet.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

Recommended: Water, Foam, Alcohol resistant foam, ABC-powder. Waterjets should not be used, since they can spread the fire.

**5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in fires.

Hazardous combustion products: Carbon monoxide (CO), Carbon dioxide (CO2).

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions, and protective equipment:

Avoid contact with skin and eyes

Use protective clothing.

Procedure when there is a problem:

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapours/dust/spray/gases.

**6.2 Environmental precautions**

Do not allow to penetrate the ground.

Do not empty into drains/surface water/ground water. Retain contaminated washing water and dispose of it.

**6.3 Methods and material for containment and cleaning up**

For large volumes: product suction pump.

For the rest: Remove with liquid-absorbing material (sand, peat, sawdust). Wash away residue with plenty of water. Dispose of contaminated material as waste according to Section 13.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

**6.4 Reference to other sections**

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Ensure that workrooms are adequately ventilated.

Avoid skin and eye contact.

See advice in section 8

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working

**7.2 Conditions for safe storage, including any incompatibilities**

Storage:

Store in a sealed original container.

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground and comply with fire protection measures. Ventilation requirements: use local and general ventilation.

Further information about storage conditions:

Protect from direct sunlight and frost.

Storage temperature: 10 - 30 °C.

**7.3 Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit

**8.2 Exposure controls**

Control is unnecessary if the product is used as intended.

**Individual protection measures (personal protective equipment)**

Eye/face protection:

Wear eye/face protection.

Skin protection:

Hand protection: chemical protective gloves. Select suitable materials for long-term and direct contact such as nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and others.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Other protection measures: take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection:

Particulate filter device (EN 143 hay 149, loại P2 hay FFP2).

Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

Physical state: solid

Colour: various

Odour: characteristic

**Other safety parameters**

pH (value): not applicable

Melting point/freezing point: ≥150 – ≤159 °C at 102.1 kPa

Initial boiling point and boiling range: >400 °C at 101 kPa

Flash point: not applicable

Evaporation rate: not determined

Flammability (solid, gas): this material is combustible, but will not ignite readily

Explosion limits of dust clouds: not determined

Vapour pressure: not determined

Density: 1.08 g/cm³ at 22 °C

Vapour density: this information is not available

**Solubility(ies)**

Water solubility: 280 g/l at 20 °C

**Partition coefficient**

n-octanol/water (log KOW): 0.3 (pH value: 6.1, 23 °C) (ECHA)

Auto-ignition temperature: 250 °C at 101 kPa (ECHA)

Viscosity: not relevant (solid matter)

Explosive properties: none

Oxidising properties: none

**9.2 Other information**

Surface tension: 33 (25 °C) (ECHA)

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**10.2 Chemical stability**

See below "Conditions to avoid".

**10.3 Possibility of hazardous reactions**

No known hazardous reactions.

**10.4 Conditions to avoid**

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

**10.5 Incompatible materials**

Oxidisers

**10.6 Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Classification according to GHS (1272/2008/EC, CLP)**

**Acute toxicity**

Harmful in contact with skin.

GHS of the United Nations, annex 4: May be harmful if swallowed.

**Acute toxicity estimate (ATE)**

Dermal ≥2,000

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

Shall not be classified as a respiratory or skin sensitiser.

**Germ cell mutagenicity**

Shall not be classified as germ cell mutagenic.

**Carcinogenicity**

Shall not be classified as carcinogenic.

**Reproductive toxicity**

Shall not be classified as a reproductive toxicant.

**Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

**Specific target organ toxicity - repeated exposure**

Shall not be classified as a specific target organ toxicant (repeated exposure).

**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**SECTION 12: Ecological information**

**12.1 Toxicity**

Harmful to aquatic life with long lasting effects.

Species: Fish

Test: LC50

Duration: 96 h

Result: 10-100 mg/l

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 10-100 mg/l

Species: Algae

Test: EC50

Duration: 72 h

Result: >100 mg/l

Species: Fish

Test: NOEC

Duration:

Result: 1-10 mg/l

Species: Daphnia

Test: NOEC

Duration:

Result: 0,1-1 mg/l

**12.2 Persistence and degradability**

Assessment of biodegradability and reduction (H2O):

Not rapidly degradable (according to OECD standards). Product not tested. The report is based on the properties of each element.

**12.3 Bioaccumulative potential**

Data are not available.

**12.4 Mobility in soil**

Data are not available.

**12.5 Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**12.6 Other adverse effects**

Additional Notes on Environmental and Process Destruction: Treatment in biotech wastewater treatment plants must comply with local regulations.

Other ecotoxicological advice: Do not release products into the environment unregulated.

**SECTION 13: Disposal consideration**

**13.1 Waste treatment methods**

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be

handled separately by the local or national waste management facilities.

**SECTION 14: Transport information**

**14.1 UN number**

Not dangerous goods according to ADR, IATA and IMDG.

**14.2 UN proper shipping name**

Not dangerous goods according to ADR, IATA and IMDG.

**14.3 Transport hazard class(es)**

Not dangerous goods according to ADR, IATA and IMDG.

**14.4 Packing group**

Not dangerous goods according to ADR, IATA and IMDG.

**14.5 Environmental hazards**

Non-environmentally hazardous according to the dangerous goods regulations.

**14.6 Special precautions for user**

There is no additional information.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

No data available.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.