



# SAFETY DATA SHEET

## HUNTEX NE-107



Version 2.0  
SDS prepared on: 21.03.2022  
Print Date:

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

#### 1.1. Product identifier

Trade name : HUNTEX NE-107

Chemical Name : Cellulase powder.

#### 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

Respiratory Sensitization: Category 1.

#### 2.2. Label elements

##### GHS Label elements



Hazard pictograms :

Signal word : DANGER

Hazard statement :

H316- Causes mild skin irritation.

H334- May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statement:

Prevention:

P261- Avoid breathing dust/fume/gas/mist/vapours/spray.

P284- Wear respiratory protection

Response:

P332+ P317- If skin irritation occurs: Get medical help

P304 + P340- IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342 + P316- If experiencing respiratory symptoms: Get emergency medical help immediately.

Storage:

No special measures required.

Disposal:



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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
Cellulase	9012-54-8	4.0	Reps. Sens.1, H334 (Refer to: <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.029.746">https://echa.europa.eu/brief-profile/-/briefprofile/100.029.746</a> )
Starch (5-methyluracil)	65-71-4	1.0	Eye Irrit.2, H319. ( <a href="https://echa.europa.eu/substance-information/-/substanceinfo/100.000.560">https://echa.europa.eu/substance-information/-/substanceinfo/100.000.560</a> )
Sodium Tripolyphosphate	7758-29-4	2	Not classified ( <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.028.944">https://echa.europa.eu/brief-profile/-/briefprofile/100.028.944</a> )
AT-800 (Special nonionic surfactant)	—	5	Acute Toxicity-Oral.4, H302 Skin Irrit.2, H315. Eye Irrit.2, H319. (refer to supplier's SDS)
Sodium gluconate	527-07-1	5	Not classified ( <a href="https://echa.europa.eu/substance-information/-/substanceinfo/100.220.571">https://echa.europa.eu/substance-information/-/substanceinfo/100.220.571</a> )
Sodium sulfate	7757-82-6	83	Not classified <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.028.928">https://echa.europa.eu/brief-profile/-/briefprofile/100.028.928</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 persists – Get medical advice/attention.
- Ingestion : In case of swallowing, rinse mouth, 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

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 phosphorus, sulfur oxides, toxic gases and vapours.

#### 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



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### 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.

## 8. Exposure controls / Personal protection

### 8.1. Control parameters

Exposure limit(s)

Contains no substances with occupational exposure limit values.

Ingredient	CAS-No	Statutory basis	Value type (From of exposure; Expressed as)	Occupational exposure limit
None		(Decision.No.3733/2002/QĐ-BYT)	TWA	
		(Decision.No.3733/2002/QĐ-BYT)	STEL	

### 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



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### 9.1. Information on basic physical and chemical properties

Physical state or appearance: powder

Color : white.

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 : 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 : 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 : no data available

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 oxidizing agents.

### 10.6. Hazardous decomposition products



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Carbon dioxide and carbon monoxide, oxides of phosphorus and sulfur oxides 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 : not classified..

Repeated dose toxicity : not classified.

Respiratory sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### 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

Not classified.

#### 12.2. Persistence and degradability

The product is readily biodegradable.

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.



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### 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.  
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.



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- 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/TT/ BCT
- Labor hygiene standards in the workplace-Decision, No.3733/2002/QĐ-BYT.
- National technical regulations - permitted exposure limit value for 50 chemicals at working-Circular number 10/2019-TT-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: March 21, 2022.

Revision date:

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Legend

TWA: Time Weighted Average

STEL: Short term exposure limit.

CAS: Chemical Abstracts Service

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods

Acute Toxicity-Oral.4: Acute toxicity oral, hazard category 4

Skin Irrit.2: Skin irritation, hazard category 2

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

Reps. Sens.1: Respiratory sensitization, hazard category 1.

H302- Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**THE END**