



# SAFETY DATA SHEET

## HUNTEX NIS-11

Version 1.0  
Revision date: 01/12/2020  
Print Date:

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

#### 1.1. Product identifier

Trade name : HUNTEX NIS-11  
Chemical Name : Aliphatic quaternary compound.

#### 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 2.  
Serious eye damage/eye irritation: Category 2.  
Specific target organ toxicity- Single exposure: Category 3.

#### 2.2. Label elements

##### GHS Label element



Hazard pictograms :  
Signal word : WARNING  
Hazard statement :

H315- Causes skin irritation.  
H319- Causes serious eye irritation.  
H335- May cause respiratory irritation.

##### Precautionary statement:

###### Prevention :

P264- Wash hands thoroughly after handling.  
P280- Wear protective gloves/eye protection/face protection.  
P261- Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271- Use only outdoors or in a well-ventilated area.

###### Response :

P302 + P352- IF ON SKIN: Wash with plenty of soap and water.  
P332 + P317- If skin irritation occurs: Get medical help.



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P362 + P364 - Take off contaminated clothing and wash it before reuse.

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.

P304+ P340- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P319- Get medical help if you feel unwell.

Storage :

P403+P233- Store in a well-ventilated place. Keep container tightly closed.

Disposal :

P405- Store locked up.

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 1	Proprietary	16.7	Skin Irrit.2, H315. Eye Irrit.2, H319. STOT-SE 3, H335 ( Refer to SDS ACSV-P of the supplier )
Proprietary 2	Proprietary	0.24	Acute Tox- Oral.4, H302. Eye Dam.1, H318. Aquatic Acute.1, H400. ( Refer to SDS ACSV-P of the supplier )
Butyl carbitol (diethylene glycol monobutyl ether)	112-34-5	2.5	Eye Irrit. 2A, H319 ( <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.003.601">https://echa.europa.eu/brief-profile/-/briefprofile/100.003.601</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. 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

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.

##### 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



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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.

## 8. Exposure controls / Personal protection

### 8.1. Control parameters

Exposure limit(s)

Contains no substances with occupational exposure limit values.

### 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: viscous fluid

Color : white like milk

Odor : characteristic.

Odor Threshold : no data available.

pH of 1% liquid (25°C) : 4.- 6.

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.



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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 : 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 :  $\approx 1.0 \text{ g/cm}^3$ .(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 acids, strong bases and strong oxidizing agents.

### 10.6. Hazardous decomposition products

None with proper storage and handling.

## 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 skin irritation.  
of the skin

Serious eye damage/ : Causes serious eye irritation.  
eye irritation

Repeated dose toxicity : not classified.

#### CMR assessment

Carcinogenicity : not classified.



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Mutagenicity : not classified  
Teratogenicity : not classified.  
Toxicity to reproduction: not classified.  
Specific Target Organ : May cause respiratory irritation.  
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

Not classified.

#### 12.2. Persistence and degradability

Biodegradability (BOD5/ COD): 36 %  
Biochemical oxygen demand (BOD5): 342 mg/g  
Chemical oxygen demand (COD): 125 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.

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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.

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### 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.



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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.

## 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: April 27, 2020

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Legend

TWA: Time Weighted Average

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Dangerous Goods

Acute Tox- Oral.4: acute toxicity oral, hazard category 4.

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

Eye Dam.1: eye damage, hazard category 1.

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

STOT-SE.3: Specific target organ toxicity- Single exposure, Category 3

Aquatic Acute.1: Aquatic acute, hazard category 1.

H302: Harmful if swallowed.

H315- Causes skin irritation



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H318- Causes serious eye damage.  
H319: Causes serious eye irritation  
H335-May cause respiratory irritation  
H400- Very toxic to aquatic life.  
H401- Toxic to aquatic life.