



SAFETY DATA SHEET

HUNTEX NIS-11

Version 1.0
Revision date: 27/4/2020
Print Date: 27/4/2020

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 - Number 04/2012/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/protective clothing/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.



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P332 + P313- If skin irritation occurs. Get medical advice/ attention.

P362 + P364 - Take off contaminated clothing and wash 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 + P313-If eye irritation persists Get medical advice/attention.

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

P312- Call a POISON CENTER or doctor/physician 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 ACSK-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 ACSK-P of the supplier)
			Eye Irrit. 2A, H319



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Butyl carbitol (diethylene glycol monobutyl ether)	112-34-5	2.5	(https://echa.europa.eu/brief-profile/-/briefprofile/100.003.601)
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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, CO₂
- 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.



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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.

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.



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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 : 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.



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CMR assessment

Carcinogenicity : not classified.
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.

12. Ecological information

12.1. Ecotoxicity

Not classified.

12.2. Persistence and degradability

Biodegradability (BOD5/ COD): 28 %
Biochemical oxygen demand (BOD5): 442 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.

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.



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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.
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 - Number 04/2012/TT-BCT - Date issued :13/02/2012
- 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

Revision date : 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.



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H302: Harmful if swallowed.
H315- Causes skin irritation
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.