



# SAFETY DATA SHEET

## HUNTEX CGMTK-269



Version 1.0  
SDS prepared on: 01/10/2022  
Print Date:

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

#### 1.1. Product identifier

Trade name : HUNTEX CGMTK-269  
Chemical Name : Alkaline laundry detergent.

#### 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

Hazard class	Category	Hazard class and category	Hazard statement
Self-heating substance or mixture	2	Self-heat. 2	H252
Acute toxicity (Oral)	4	Acute Tox. 4 (Oral)	H302
Skin irritation	2	Skin Irrit. 2	H315
Serious eye damage	1	Eye Dam. 1	H318
Acute toxicity (Inhalation)	4	Acute Tox. 4 (Inhalation)	H332
Specific target organ toxicity - single exposure, Respiratory system	3	STOT SE 3	H335
Specific target organ toxicity - repeated exposure, Lungs	2	STOT RE 2	H373

#### 2.2. Label elements

##### GHS Label elements

Hazard pictograms : GHS02, GHS05, GHS06, GHS08



Signal word : Danger



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Hazard statement	: H252	Self-heating in large quantities; may catch fire.
	H302	Harmful if swallowed.
	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H332	Harmful if inhaled.
	H335	May cause respiratory irritation.
	H373	May cause damage to organs (Lungs) through prolonged or repeated exposure.
Precautionary statement:		
Prevention	: P260	Do not breathe dust/fume/gas/mist/vapours/spray.
	P264	Wash hands thoroughly after handling.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Response	: P301+P330+P312	IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
	P304+P340+P310	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
	P305+P351+P338 +P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell.
	P302 + P350	IF ON SKIN: Wash with plenty of soap and water.
Storage	: P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
	P235	Keep cool.
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
Aminoiminomethanesulphinic acid	1758-73-2	80	Self-heat. 2, H252 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H335 STOT RE 2, H373 (Refer to <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.015.598">https://echa.europa.eu/brief-profile/-/briefprofile/100.015.598</a> )
Sodium dodecylbenzenesulfonate	25155-30-0	3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 (Refer to <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.042.422">https://echa.europa.eu/brief-profile/-/briefprofile/100.042.422</a> )

## 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

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 (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides, Metallic oxides.

#### 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.

### 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.

### 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 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, temperature 2-8 °C, dry well- ventilated location. Store away from heat, flames, ignition sources and incompatibles. Avoid contact with alkalis, oxidizing agents. Check regularly for leaks.

### 8. Exposure controls / Personal protection

#### 8.1. Control parameters



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Exposure limit(s):

Contains no substance with occupational exposure limit values.

### 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 : powder.

Color : white.

Odor : no data available.

Odor Threshold : no data available.

pH of 1% liquid (25°C) :  $6.5 \pm 1.0$ .

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 cold water.

Partition coefficient : no data available.

(n-octanol/water)

Autoignition temperature : no data available.

Thermal decomposition : no data available.

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.



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### 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 data available

#### 10.4. Conditions to avoid

Heat, flames, ignition sources and incompatibles.

#### 10.5. Incompatible materials

Avoid contact with acids, strong bases, oxidizing agent.

#### 10.6. Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides may form when heated to decomposition.

### 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 : not classified.  
of the skin

Serious eye damage/ : not classified.  
eye irritation

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.

### 12. Ecological information

#### 12.1. Ecotoxicity

No data available.



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### 12.2. Persistence and degradability

Biodegradability : No data available

Biochemical oxygen demand (BOD5): 210 mg/g. Remarks: (External MSDS)

Chemical oxygen demand (COD): 420 mg/g. Remarks: (External MSDS)

### 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) : 4.2, spontaneously combustible solid.

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) : 4.2, spontaneously combustible solid.

Packing group : not applicable.

Environmental hazards : not applicable.

Transport in bulk : not applicable.

Special precaution for user : not applicable.



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### Sea transport IMDG

UN number : not applicable.  
UN proper shipping name : not applicable.



Hazard label :  
Transport hazard class(es) : 4.2, spontaneously combustible solid.  
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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Revision date :

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Legend

TWA: Time Weighted Average.

STEL: Short term exposure limit.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Dangerous Goods.

Self-heat. 2: Self-heating substance or mixture, hazard category 2.

Acute Tox. 4 (Oral): Acute toxicity (Oral), hazard category 4.





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

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

Acute Tox. 4 (Inhalation): Acute toxicity (Inhalation), hazard category 4.

STOT SE 3: Specific target organ toxicity - single exposure, Respiratory system, hazard category 3.

STOT RE 2: Specific target organ toxicity - repeated exposure, Lungs, hazard category 2.

H252 Self-heating in large quantities; may catch fire.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs (Lungs) through prolonged or repeated exposure.