



# SAFETY DATA SHEET

## HUNTEX OR-27

Version 2.0  
Revision date: 9 / 5 /2019  
Print Date: 9 / 5 /2019

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

#### 1.1. Product identifier

Trade name : HUNTEX OR-27

Chemical Name: : Mixture of surfactants.

#### 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.**

Acute toxicity-Oral : Category 5.

Skin corrosion/irritation : Category 2.

Serious eye damage/eye irritation : Category 1.

Aquatic Acute : Category 2.

#### 2.2. Label elements

##### GHS Label elements



Hazard pictograms :

Signal word : DANGER

Hazard statement :

H303- May be harmful if swallowed.

H315- Causes skin irritation.

H318- Causes serious eye damage.



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H401- Toxic to aquatic life.

### Precautionary statement:

#### Prevention :

P264- Wash hands thoroughly after handling.

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

P273- Avoid release to the environment.

#### Response :

P312- Call a POISON CENTER or doctor/physician if you feel unwell.

P302 + P352- If on skin. Wash with plenty of soap and water.

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.

P310- Immediately call a POISON CENTER or doctor/physician.

#### Storage :

No special measures required.

#### Disposal :

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
Sodium tripolyphosphate	7758-29-4	24-25	Not classified. (refer to <a href="https://echa.europa.eu/registration-dossier/-/registered-dossier/15386/2/1">https://echa.europa.eu/registration-dossier/-/registered-dossier/15386/2/1</a> )



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Lauryl alcohol ethoxylate	9002-92-0	18-20	Acute Toxicity-Oral.4, H302. Skin Irrit.2, H315. Eye Dam.1, H318. Aquatic Acute.1, H400. Aquatic Chronic.3, H412 ( Refer to <a href="https://echa.europa.eu/registration-dossier/-/registered-dossier/10916/2/1">https://echa.europa.eu/registration-dossier/-/registered-dossier/10916/2/1</a> )
Sodium carbonate	497-19-8	8-9	Eye Irrit.2A, H319. (Refer to: <a href="https://echa.europa.eu/brief-profile/-/briefprofile/100.007.127">https://echa.europa.eu/brief-profile/-/briefprofile/100.007.127</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 persist –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.



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### 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

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. Store locked up.

## 8. Exposure controls / Personal protection

### 8.1. Control parameters

Exposure limit(s)

Ingredient	CAS-No	Statutory basis	Value type (From of exposure; Expressed as)	Occupational exposure limit
no		(Decision.No.3733/2002/QĐ-BYT)	TWA	
			STEL	



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### 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

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## 9. Physical and chemical properties

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

Physical state or appearance: paste.  
Color : white.  
Odor : odorless.  
Odor Threshold : no data available.  
pH of 1% liquid (25°C) : 9.0-11.  
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.  
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 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 :  $\approx 1.0 \text{ g/cm}^3$ .(25°C)  
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



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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 and oxidizing agents. It's incompatible with metals.

### 10.6 Hazardous decomposition products

Carbon dioxide and carbon monoxide may form when heated to decomposition.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : May be harmful if swallowed.

Acute toxicity : not classified.

(inhalation)

Acute toxicity (dermal) : not classified.

Irritation/corrosion : Causes skin irritation.

of the skin

Serious eye damage/ : Causes serious eye damage.

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

### Ecotoxicology Assessment

Acute aquatic toxicity: Toxic to aquatic life.

### 12.1. Ecotoxicity

No data available.

### 12.2. Persistence and degradability

Biodegradability: > 70%.

Biochemical oxygen demand (BOD5): 198 mg/g.

Chemical oxygen demand (COD): 470 mg/g.

### 12.3. Bioaccumulative potential

No data available.



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### 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.

Hazard label: not applicable.

Transport hazard class (es): not applicable.

Packing group : 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.

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): yes

Transport in bulk : not applicable.

Special precaution for user: not applicable.

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## 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



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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
- 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: March 16, 2018

Revision date : May 9, 2019

Version 2.0

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

Acute Toxicity-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

Aquatic Acute.1: Aquatic acute, hazard category 1

Aquatic Chronic.2: Aquatic chronic, hazard category 2

Aquatic Chronic.3: Aquatic chronic, hazard category 3

H302- Harmful if swallowed.

H303- May be harmful if swallowed.

H315- Causes skin irritation

H318- Causes serious eye damage.

H319- Causes serious eye irritation.

H400- Very toxic to aquatic life.

H401- Toxic to aquatic life.

H412- Harmful to aquatic life with long-lasting effects.