

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

### *Identification of the product*

Hydroxylammonium chloride

### *Manufacturer/supplier identification*

Company: Guangdong Guanghua Sci-Tech Co.,Ltd

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## 2. Hazards identification

### **Classification of the substance or mixture**

#### **Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Corrosive to Metals (Category 1)

Acute toxicity, Oral (Category 4)

Acute toxicity, Dermal (Category 4)

Skin corrosion/irritation (Category 2)

Serious eye damage/eye irritation (Category 2A)

Skin sensitization (Category 1)

Carcinogenicity (Category 2)

Specific target organ toxicity - repeated exposure, Oral (Category 2)

Short-term (acute) aquatic hazard (Category 1)

Long-term (chronic) aquatic hazard (Category 5) Tf1 0 0 1 117.14 555.58 Tm0 g0 G(+)(7)(86)ITs eY7( 912 0 612 792 reW\*nE/

### **Label elements Regulation**

|                    |                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P264 + P265        | Wash hands thoroughly after handling. Do not touch eyes.                                                                         |
| P270               | Do not eat, drink or smoke when using this product.                                                                              |
| P272               | Contaminated work clothing should not be allowed out of the workplace.                                                           |
| P273               | Avoid release to the environment.                                                                                                |
| P280               | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.                                    |
| P301 + P317        | IF SWALLOWED: Get medical help.                                                                                                  |
| P302 + P352 + P317 | IF ON SKIN: Wash with plenty of water. Get medical help.                                                                         |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P318               | IF exposed or concerned, get medical advice.                                                                                     |
| P319               | Get medical help if you feel unwell.                                                                                             |
| P321               | Specific treatment (see on this label).                                                                                          |
| P330               | Rinse mouth.                                                                                                                     |
| P333 + P317        | If skin irritation or rash occurs: Get medical help.                                                                             |
| P337 + P317        | If eye irritation persists: Get medical help.                                                                                    |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.                                                                         |
| P390               | Absorb spillage to prevent material damage.                                                                                      |
| P391               | Collect spillage.                                                                                                                |
| P405               | Store locked up.                                                                                                                 |
| P406               | Store in corrosive resistant container with a resistant inner liner.                                                             |
| P501               | Dispose of contents/ container to an approved waste disposal plant.                                                              |

Supplemental Hazard Statements  
none

### 3. Composition/information on ingredients

#### Synonyms

Hydroxylammonium chloride

CAS-No.: 5470-11-1

M: 69.49 g/mol

Molecular formula:  $\text{H}_3\text{NO} \cdot \text{HCl}$

### 4. First aid measures

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Advice for firefighters

Wear self contained breathing apparatus for .31 Tm0c.a(Wear)4m0.c5i305tW912

## 6. Accidental release measures

### Personal precautions

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

### Environmental precautions

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

### Precautions for safe handling

Avoid inhalation of vapour or mist.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 8. Exposure controls and personal protection

### Appropriate engineering controls

General industrial hygiene practice.

### Personal protective equipment

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

## 9. Physical and chemical properties

**Form:** crystals

**Colour:** Colorless

**Odour:** not available

**pH value:** not available

**Melting point:** 159°C.

**Boiling point:** not available

**GHTECH**

heet

UHD

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**Ignition temperature:** not available

**Flash point:** not available

**Autoignition temperature:** not available

**Explosion limits**

no data available

## 12. Ecological information

### Toxicity

Toxicity to fish LC50 - *Leuciscus idus* - 1 - 10 mg/l - 48.0 h

### Persistence and degradability

no data available

### Bioaccumulative potential

no data available

### Mobility in soil

no data available

## 13. Disposal considerations

### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

### Contaminated packaging

Dispose of as unused product.

## 14. Transport information

### ADR/RID

UN-Number: 1759 Class: 8 Packing group: III

Proper shipping name: CORROSIVE SOLID, N.O.S. (HYDROXYLAMINE HYDROCHLORIDE)

### IMDG

UN-Number: 1759 Class: 8 Packing group: III

Proper shipping name: CORROSIVE SOLID, N.O.S. (HYDROXYLAMINE HYDROCHLORIDE)

Marine pollutant: no

### IATA

UN-Number: 1759 Class: 8 Packing group: III

Proper shipping name: Corrosive solid, n.o.s. (Hydroxylamine hydrochloride)

## 15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 16. Other information

General update.

*Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.