

**1. Product and Company Identification**

Product Name : GX 6-IH  
 Usage : Industrial Disinfectant  
 Manufacturer/Supplier : Elia Al Nims & partners Co.  
 Address : AL-Tajamouat Industrial city, Q Building, Amman Jordan  
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 Revision date : April, 2017

**2. Hazards identification**

**Risk Phrases** : R50: Very toxic to aquatic organisms  
 R41: Risk of serious damage to eyes  
 R37/38: Irritating to respiratory system and skin

**Primary route of exposure** : Skin contact. Inhalation

**Symptoms relating to use** : Null

**Inhalation** : May cause irritation to the respiratory tract and to other mucous membranes

**Skin contact** : Redness, pain

**Eye contact** : Redness, pain. Blurred vision. Tears.

**Ingestion** : Swallowing of this product presents some health hazard.

**3. Composition/information on ingredients**

Information on hazardous components

Active ingredients	Conc. %	CAS #
Quaternary ammonium compound	15-30	68989-00-4

**4. First-aid measures**

**Inhalation** : Assure fresh air breathing. If you feel unwell, seek medical advice

**Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persists.

**Ingestion** : Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

## 5. Fire and explosion measures

- **Surrounding fires:** Use water spray or fog for cooling exposed containers.
- **Protection against fire:** Do not enter fire area without proper protective equipment, including respiratory protection.
- **Special procedures:** Exercise caution when fighting any chemical fire.

## 6. Accidental release measures

**Personal precautions:** Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

**Environmental precautions:** Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**After spillage and/or leakage:** Collect spills and put it into appropriated container

## 7. Handling and storage

**Technical protective measures:** Both local exhaust and general room ventilation are usually required

**Precautions in handling and storage:** Avoid all unnecessary exposure. Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

**Storage:** Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**Handling:** Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

## 8. Exposure controls and personal protection

### - Eye/Face protection:

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

### - Hand Protection:

Compatible chemical resistant gloves are recommended. Wash contaminated gloves before reuse.

### - Other Personal Protective Wear:

Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eye shields and protective clothing.

### - Skin Protection:

Light protective clothing recommended. Wash contaminated clothing before reuse. Avoid inhalation and contact with skin and eyes.

### - Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**- Hygiene measures:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

## 9. Physical and chemical properties

Appearance: Liquid  
Color: Clear colorless  
Odor: odorless  
PH: 10.5 – 11.5  
Solubility: Easily soluble in water.

## 10. Stability and reactivity

**The product is stable.**

**Hazardous reactions:** No data available.

**Hazardous properties:** No data available.

## 11. Toxicological information

**Toxicity information:** R41: Risk of serious damage to eyes.  
R37/38: Irritating to respiratory system and skin.

**Rat oral LD50 [mg/kg]:** >2000 mg/kg

## 12. Ecological information

**Ecological effects information:** This product contains hazardous components for the environment.

R50: Very toxic to aquatic organisms.

**Persistence and degradability:** Biodegradable.

## 13. Disposal considerations

**Disposal conditions:** Dispose in a safe manner in accordance with local/national regulations.

## 14. Regulatory information:

- **Symbol(s):** -N: Dangerous for the environment. Irritant.
- **R Phrase(s):** R50 : Very toxic to aquatic organisms.  
R37/38 : Irritating to respiratory system and skin.  
R41 : Risk of serious damage to eyes.
- **S Phrase(s):** S21 : When using do not smoke.  
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.  
S60 : This material and its container must be disposed of as hazardous waste.  
S23 : Do not breathe the gas, fumes, vapors, spray.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.  
S46 : If swallowed seek medical advice immediately and show this container or label.  
S51 : Use only in well-ventilated

**15. Transport information**

**UN Number:** 3082

**Proper shipping name:** LIQUID, N.O.S. (quaternary ammonium)

**Transport hazard class (es)**

**Land transport**

- ADR Class: 9
- ADR Packing group: III

**Sea transport**

- IMO-IMDG code: Class 9
- EMS-Nr: F-A S-F
- IMDG-Marine pollution : YES

**Air transport**

- ICAO/IATA: Packaging instructions cargo: 914
- Packaging instructions passenger: 914 - IATA
- Class or division: 9

**16. Other information**

**Further information:** None.

**List of relevant R phrases (heading 3):** R22 : Harmful if swallowed.

R34 : Causes burns.

R50 : Very toxic to aquatic organisms.