

## Safety Data Sheet According to 1907/2006 EC

Al Emlaq® Sodium Hypochlorite  
Version 2.0 - Print Date 2022-06-29

### Section 1. Identification of the substance/Preparation and of the Company/undertaking:

#### 1.1 Product identifier

Trade name: Al Emlaq® Sodium Hypochlorite

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Used as disinfectant, cleaner, whitener and stains remover.

#### 1.3 Details of the supplier of the safety data sheet

Company Hasan&Mohammad Ali Smadi Co.  
Al Mafraq – Jordan  
Jaber Highway Street  
Thagret Al Gub

Telephone : 00962 799079900  
Fax : 00962 791602974  
E-mail Address : [MSDS@giantgroup.me](mailto:MSDS@giantgroup.me)  
Responsible/issuing person : Dr.Dana Smadi

#### 1.4 Emergency telephone number

+962799079900  
Please refer to section 16 for full details.

### Section 2. Hazards identification:

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2	H319: Causes eye irritation
inhalation, Category 4	H332: Harmful if inhaled
oral , Category 4	H302: Harmful if swallowed
Skin Irritation ,Category 2	H315: cause skin irritation
Corrosive to metals, category 1	H290: May be corrosive to metals
Hazard to aquatic environmental, category 1	H411: Toxic to aquatic life With long lasting effects

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



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Signal Word : Warning

Hazard statements: H319: Causes eye irritation  
H302: Harmful if swallowed  
H332: Harmful if inhaled  
H315: cause skin irritation  
H411: Toxic to aquatic life With long lasting effects  
H290: May be corrosive to metals

Precautionary statements : **Prevention:**

P102 Keep out of reach of children  
P264 wash skin thoroughly after handling  
P264 wash hands thoroughly after handling  
P280 Wear protective gloves/ protective clothing  
P362 Take off contaminated clothing  
P501 Dispose of contents/container to comply with government regulations  
P273 Avoid release to the environment  
P406 Store in corrosive resistant  
P405 Store locked up

**Response:**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

### SECTION 3. Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical Name	CAS-No. EC-No. Registration number	Concentration [Percent by weight]*
AQUA	(CAS No) 7732-18-5	>50
Sodium Hypochlorite	(CAS No) 7681-52-9 (EC No): not classified	1.00-7.00

\*The accurate percentage was held as trade secret.

### SECTION 4. First aid measures

**4.1 First-aid measures general** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

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First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

**4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries after skin contact :**

Causes skin irritation. Symptoms/injuries after eye contact : Causes serious eye damage.

**4.3. Indication of any immediate medical attention and special treatment needed :** No additional information available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

- Foam
- Dry powder
- Carbon dioxide
- Water spray
- Sand

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Protective equipment : Safety glasses. Protective clothing. Gloves.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders :

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions :

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up:

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage. Store away from other materials. Sodium Hypochlorite.

#### 6.4. Reference to other sections See Heading:

See Heading 8. Exposure controls and personal protection.

### SECTION 7. Handling and storage

#### 7.1. Precautions for safe handling :

**Precautions for safe handling :** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of

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vapour.

**Hygiene measures** : Wash exposed skin thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : incompatible materials. Keep container closed when not in use.

Incompatible products : Strong reducing agents. combustible materials. aluminium. metals. Ammonia. Strong acids.

Incompatible products : Sources of ignition. Direct sunlight.

### 7.1 Specific end use(s)

Specific use(s) : to flush Toilet and Drain ,Pre- wash surface shower/floors/kitchen sinks/tiles/bathtubs .

## SECTION 8. Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

**Appropriate engineering controls** : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

**Personal protective equipment** : Avoid all unnecessary exposure.

**Hand protection** : Wear protective gloves.

**Eye protection** : Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing. Respiratory protection : Wear appropriate mask.

**Other information** : Do not eat, drink or smoke during use

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	: Clear
Form	: liquid
Color	: yellow colored
Taste	: not determined
Odor	: chlorine-like
pH	: Not less than 11
Specific Gravity	: N/A
Total Active Matter	: (3% - 6%)
Flash point	: N/A
Flammability (solid, gas)	: N/A
Boiling point	: N/A
Vapor pressure	: N/A
Vapor Density	: N/A

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Water solubility	: Soluble in water
Solubility/qualitative	: N/A
Evaporation rate	: N/A
Explosive properties	: no data available

### 9.2 Other information

Not applicable

### SECTION 10: Stability and reactivity

- 10.1. Reactivity :No additional information available  
10.2. Chemical stability : Stable under normal conditions.  
10.3. Possibility of hazardous reactions: Reacts violently with acids. May react violently with reducing agents. Contact with acids liberates toxic gas.  
10.4. Conditions to avoid: Incompatible materials. Direct sunlight. Extremely high or low temperatures.  
10.5. Incompatible materials :Strong reducing agents. Water. zinc. metals. aluminium. Ammonia. Strong acids.  
10.6. Hazardous decomposition products: Hydrogen chloride. Chlorine. Phosgene.

### SECTION 11. Toxicological information

#### 11.1 Information on toxicological effects

Product	
Acute oral toxicity:	No data available
Acute inhalation toxicity:	No data available
Acute dermal toxicity:	No data available
Skin corrosion/irritation:	Causes skin irritation
Serious eye damage/eye Irritation:	Causes serious eye damage
Respiratory or skin sensitization:	No data available
Carcinogenicity:	No data available
Reproductive effects:	No data available
Germ cell mutagenicity:	No data available
Teratogenicity:	No data available
STOT-single exposure:	No data available
STOT-repeated exposure:	No data available
Aspiration toxicity:	No data available

### SECTION 12. Ecological information

Ecology – Water: Toxic to aquatic life  
Environmental Toxicity May pose potential hazard to plant and marine or aquatic life at high concentration. If not diluted, it may seriously affect aquatic life.  
Bioaccumulative Potential: Not bioaccumulative

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### SECTION 13. Disposal considerations

#### 13.1 Waste treatment methods

Product: Flush with water

Contaminated packaging: Dispose in recycling plastic.

Dispose of in accordance to all local, provincial/state and federal regulations.

### SECTION 14. Transport information

#### 14.1 In Accordance with DOT

NOT Classified

#### 14.2 In Accordance with IMDG

NOT Classified

#### 14.3 In Accordance with IATA

NOT Classified

### SECTION 15. Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data Available

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

### SECTION 16. Other information

#### Full text of H-Statements referred to under sections 2 and 3.

H319:	Causes eye irritation
H302:	Harmful if swallowed
H332:	Harmful if inhaled
H315:	cause skin irritation
H411:	Toxic to aquatic life With long lasting effects
H290:	May be corrosive to metals

Hasan&Mohammad Ali Smadi Co. assumes no responsibility of injury to the user or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.  
The information is based on our present knowledge and experience and intended to describe the products with a view to the safety precautions to take. It does not represent a guarantee of the properties of the product.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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