

Safety Data Sheet According to 1907/2006 EC

Al Emlaq® Bowl Anti-scalant and Disinfectant
Version 2.0 - Revision Date 2022-03-14

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

1.1 Product identifier

Trade name: Al Emlaq® Bowl Antiscalant Disinfectant

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

Used as disinfection and deodorizes

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
Responsible/issuing person : Eng. Maha Abu Reish

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
STOT SE , Category3	H335: MAY CAUSE RESPIRATORY IRRITATION.
oral , Category 4	H302: Harmful if swallowed
Skin Irritation ,Category 1A	H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
Corrosive to metals, category 1	H290: May be corrosive to metals

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



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Signal Word : Danger

H319: Causes eye irritation
H335: MAY CAUSE RESPIRATORY IRRITATION.
H302: Harmful if swallowed
H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
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
P234 Keep only in original container
P271 Use only outdoors or in a well-ventilated
P406 Store in corrosive resistant

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, **preferred to rinse with diluted Sodium Bicarbonate Solution if exposed vigorously.**

P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
P405 Store locked up.
P403+P233 Store in a well-ventilated place/Keep container tightly closed.
P501 Dispose of contents and container in accordance with local, regional and national regulation

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]*
Hydrochloric Acid	(CAS No) 7647-01-0	10.00-20.00
Lauryl Alcohol 7 EO	(CAS No) 3055-97-8	0.10-5.00
Parfum	NA	0.05-0.50

*The accurate percentage was held as trade secret.

SECTION 4. First aid measures

General information: Immediately remove any clothing soiled by the product.

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Inhalation: Remove to fresh air if not breathing, give artificial respiration, if breathing is difficult, give oxygen .

After skin contact: Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist. · **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After ingestion: Drink copious amounts of water and add carbonate food to water, and provide fresh air. Immediately call a doctor. Do not induce vomiting.

· **Information for doctor:** Most important symptoms and effects, both acute and delayed: Contact can cause pain, redness, burns, and even blistering. Burns may not be immediately painful; onset of pain may be delayed minutes to hours. Permanent damage, including blindness, can result after prolonged contact with eyes

.SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: CO2
extinguishing powder
water spray
Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (COx) and nitrogen oxides (NOx).

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters: No special measures required.

Additional information: This product is not flammable. See -Section 9- for the flammability characteristics of this produc

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear recommended protective equipment(s). Keep unprotected persons away.

Environmental precautions: Do not allow to enter sewers, surface or ground water.

Methods and material for containment and cleaning up: Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Use neutralizing agent (eg. sodium bicarbonate)

SECTION 7. Handling and storage

Safe handling advice: Avoid contact with eyes.

Storage

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Requirements for storage areas and containers: To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well ventilated place away from incompatible materials wash thoroughly after handling , Store under lock and key and out of the reach of children.

7.1 Specific end use(s)

Specific use(s) : can be used as disinfectant and deodorizes .

SECTION 8. Exposure controls/personal protection

8.1 **Appropriate engineering controls:** Ensure appropriate aeration and ventilation.

8.2 Control parameters:

N/A

8.3 Exposure controls and monitoring / personal protective equipment:

Respiratory Protection: NIOSH/MSHA-approved respirator

Hand NIOSH Approved Protection: Gloves

Eye Goggles and face protection: Shield

Ventilation: local Exhaust

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Milky fuming liquid
Form	: liquid
Color	: White colored
Taste	: not determined
Odor	: hcl -like
pH	: 1
Specific Gravity	: 1.05 – 1.07 gm/ml
Total Active Matter	: (10-20%)
Flash point	: N/A
Flammability (solid, gas)	: N/A
Boiling point	: >51°C
Vapor pressure	: 160 mm Hg @ 70°F
Vapor Density	: 1.27
Water solubility	: Soluble in water
Solubility/qualitative	: N/A
Evaporation rate	: N/A
Explosive properties	: no data available

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9.2 Other information

Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity: The product is acidic.

10.2 Chemical stability: · **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: Reacts with alkali.

10.4 Conditions to avoid: Avoid freezing and extreme heat conditions.

10.5 Incompatible materials: This product may react with strong oxidizing agents. In contact with most metals, produces hydrogen gas, a flammable and explosive gas. It is particularly corrosive to aluminium, stainless steel, carbon steel, copper and bronze.

10.6 Hazardous decomposition products: Hydrogen In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

11. Toxicological information

-Irritation:
Irritant and respiratory system

-Toxicological tests:
No data available.

-Sensitizing effects:
No data available

-Other information:
Classification according to the method of calculation.

-Local effects:
Possible slight eye and Hand irritation
Carcinogenic categories: No data available .

12. Ecological information

Behavior in waste water facilities:

The product dose not cause any biological oxygen depletion or malfunctions in waste water facilities.

The surfactants in the product are over

90% biodegradable. Does not contain any

phosphates

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SECTION 13. Disposal considerations

Recommendation:

Residual liquids can be disposed of in a waste water facility according to local official regulations.

- Product soluble with water .

SECTION 14. Transport information

14.1 UN number

UN 1789

Class 8

Packing group II

Environmentally hazardous -

Tunnel restriction code E

SECTION 15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16. Other information

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

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H335: MAY CAUSE RESPIRATORY IRRITATION.
H302: Harmful if swallowed
H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
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.

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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