

Al Nazafat

Toilet Bowl Cleaner

SAFETY DATA SHEET

Section 1 : Product & Company Information

Product Name : **Toilet Bowl Cleaner**
Other means of identification : not applicable
Recommended use : Toilet Cleaner
Restriction on use : not applicable
Product dilution information : Product is sold ready to use
Company : **Al Nazafat Inter care Solutions (HSSE Partners)**
Suite No. 615, Ceasers Tower, Shahra-eFaisal, Karachi.
Emergency Telephone Nos. : 02132803217-03333397452
Issuing date : July 4, 2020

Section 2 : Hazards Identification

Flammable Liquids : 3
Eye Irritation : 2

Hazards pictogram :



Signal Word : Warning
Hazard Statements : Not Classified as a poison
Precautionary Statements : **Prevention:**
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standards (29 CFR 1910:1200)
Keep container tightly closed
Response:
if in eyes : Rinse cautiously with water for several minutes.
Remove contact lenses, if Present and easy to do. Continue rinsing.
Maintain eye wash and quick drench facilities in work area.
in case of fire : use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage:
Store in a well - ventilated place. Keep cool.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.
Wash face, hands and any exposed skin thoroughly after handling. Immediately
Other hazards : call poison centre or doctor if swallowed rinse mouth do not induce vomiting
Other hazards : Wear Protective gloves, clothing face protection and eye protection

Section 3 : Composition / Information on Ingredients

Pure substance / Mixture : Mixture
Chemical Name : Hydrochloric Acid , Ethanol , Quaternary ammonium

Section 4 : First Aid Measures

in case of eye contact : Rinse water Get medical attention if systems occur
in case of skin contact : Rinse with water
if swallowed : Rinse mouth, Get medical attention if systems occur
if Inhaled : Get medical attention if systems occur
Protection for first -aiders : No special precautions are necessary for first aid responders.
Notes to Physician : Treat Symptomatically (refer toxicological information (Section 11))

Section 5 : Fire fighting Measurs

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Suitable extinguishing media	Use existing measures that are appropriate to local circumstances and the surrounding environment
Unsuitable extinguishing	: High volume water jet
Specific hazard during fire fighting	: Carbon oxides & Carbon Mono oxides
Hazards combustion products	: No specific fire or explosive hazards Use water spray to cool unopened container. Fire residues and contaminated
Specific extinguishing methods	fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and / or explosion do not breathe fume.

Section 6 Accidental Release Measure

Personal precautions, protective equipment and emergency procedure	Remove all sources of ignition. Ensure clean up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8. Do not touch or walk through spilled material. Avoid contact with eyes, skin and
Environment precaution	: Do not allow with soil, surface or ground water Eliminate all ignition source if safe to do so, stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent, material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (refer section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach
Method and materials for containment and cleaning up	: a waterway.

Section 7 Handling and Storage

Advice on safe handling	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces. Keep away from heat and sources of ignition. Keep in a cool, wellventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Condition for Storage	
Storage temperature	5 °C to 35 °C
Incompatible Products	do not use with other toilet bowl cleaners, rust removers acids or caustic material, or products containing ammonia

Section 8 Exposure Controls / Personal Protection

Ingredients with workplace control parameters

Ingredients	Hydrchloric Acid 7647-01-0
Form of Exposure	NIOSH IDLH immediately dangerous to life and health
Permissible Concentration	Celling 2 mg/m3
Engineering measures	Showers, Eyewash stations Good General ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal Protective Equipment	Required
Eye Protection	Safety eye wear complying with approved standards in case of exposure with liquid splashes mists gases or dust.
Hand Protection	Chemical resistant gloves is necessary
Skin Protection	PPE for body
Respiratory Protection	Respirators must be used
Hygiene measures	No Specific measures identified

Section 9 Physical & Chemical Properties

Appearance	Liquid
Colour	Clear Red

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Odor	non
pH	0-1
Melting point/ freezing point	no data available
Odor Threshold	no data available
Melting point/ freezing point	no data available
Initial boiling point & boiling range	no data available
Evaporation rate	no data available
Flammability (solid gas)	no data available
Upper explosion limit	no data available
Lower explosion limit	no data available
Vapor pressure	no data available
Water Solubility	no data available
Solubility in other solvents	no data available
Partition coefficient : n-octanol / water	no data available
Autoignition temperature	no data available
Thermal decomposition	no data available
Viscosity Kinematic	Dynamic
Explosive properties	no data available
Oxidizing properties	no data available
Molecular weight	no data available
VOC	no data available

Section 10 Stability and Reactivity

Chemical Stability	Stable under normal condition Reacts with other household chemicals such as other toilet bowl cleaners, rust removers acids or products containing ammoni and caustics to produce hazardous irritation and gases, such as chlorine and other chlorinated compounds
Possibility of hazardous reaction	
Condition to avoid	Heat, flames and sparks
Incompatible material	other toilet bowl cleaners, rust removers acids or products containing ammoni and caustics.
Hazardous decomposition products	shall not be used with Acids or mixed with other substance

Section 11 Toxicology information

Information on likely routes of exposure	Inhalation, Eye contact, skin contact and exposure to vapors may irritate respiratory tract and cause coughing, high concentration of inhalation may cause pulmonary edema.
Potential Health effects	
Eyes	Cause serious eye damage and is Corrosive
Skin Protection	Cause serious skin damage and prolong exposure can cause burns
Ingestion	Ingestion may cause burns to gastrointestinal tract and respiratory tract, nausea, vomiting and diarrhea
Inhalation	inhalation may cause pulmonary edema.
Chronic Exposure	May cause redness and tearing of the eyes. May cause burns to eyes. May cause redness or burns to skin.
STOT- Single exposure	No information available

Al Nazafat**Toilet Bowl Cleaner****SAFETY DATA SHEET****Ingredients**

Acute dermal toxicity	Hydrochloric Acid
Acute inhalation toxicity	May cause pulmonary edema and burning of respiratory tract

Section 12 Ecological Information**Ecotoxicity**

Environmental Effects	Harmful to aquatic life
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Product

Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available

Ingredients

Toxicity to fish	Hydrochloric Acid are very toxic to aqua life with long lasting effects
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Persistence and degradability	no data available
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Bioaccumulative potential	no data available
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Mobility in soil	no data available
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Other adverse effects	no data available
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Section 13 Disposal Consideration

The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of waste in an approved waste disposal facility

Disposal Methods

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

Disposal Considerations

RCRA- Resource

Conservation and Recovery	
Authorizatio ACT Haatdous waste	D001 (ignitable)

Section 14 Transport Information

Marks & labels	Contains Hydrochloric Acid
Class	8
Packing	II
General	CORROSIVE LIQUID

Section 15 Regulatory Information

Hazards	Not scheduled in standard uniform schedule of medicine and Posion
Governance	No chemical safety assessment has been made as this product is a mixture

Section 16 Other Information

The information provided in this Material 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, transportation, 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.

General