

Al Nazafat

Glass & Window Cleaner

SAFETY DATA SHEET

Section 1 : Product & Company Information

Product Name : **Glass & Window Cleaner**
Other means of identification : not applicable
Recommended use : Glass, window and all type of hard surface cleaner
Restriction on use : not applicable
Product dilution information : Product is sold ready to use
Company : **Al Nazafat Inter care Solutions**
Suite No. 615, Ceasers Tower, Shahra-eFaisal, Karachi.
Emergency Telephone Nos. : 02132803217-03333397452
Issuing date : July 4, 2020

Section 2 : Hazards Identification

Flammable Liquids : Not flammable liquid
Eye Irritation : No risk phrases have been associated for this product

Hazards pictogram :



Signal Word : Warning
Hazard Statements : May be corrosive to metals
Precautionary Statements : **Prevention:**

The product is not combustile under normal conditons. When involved in fire the product may generate carbondioxide and carbon monooxide. Stabel under ordinary condition and use of storage. Incompatible with Oxidizing agents and Acids

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.

Other hazards : **NOT a hazdareous material**

Section 3 : Composition / Information on Ingredients

Pure substance / Mixture : Mixture
Chemical Name : **Detergent/ Nonionic Surfactanats/ hydrochloric Acid**
Appearance : **Light Blue**
Odor : **fragrance added**
pH as is : **7**
Viscosity : **liquid**
Shelf life : **2 years**
Freeze/ thaw stability : **Excellent**
solubility in water : **complete**
Dilution ratio : **ready to use**

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Section 4

First Aid Measures

in case of eye contact	: Rinse water
in case of skin contact	: Rinse with water
if swallowed	: Rinse mouth, Get medical attention if symptoms occur
if Inhaled	: Get medical attention if symptoms 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 Measures

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
Hazards combustion products	: Use personal protective equipment Use water spray to cool unopened container. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and / or explosion do not breathe fume.
Specific extinguishing methods	

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.
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 a waterway.
Method and materials for containment and cleaning up	

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, well-ventilated 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

Section 8

Exposure Controls / Personal Protection

Ingredients with workplace control parameters

Ingredients	Nonionic surfactants
OSHA Permissible Exposure Limits	No limit have been allocated to this product
Permissible Concentration	1000 ppm ACGIH 1000 ppm 1900 mg/m ³ NIOSH REL 1000 ppm 1900 mg/m ³ OSHA Z1
Engineering measures	Good General ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal Protective Equipment	
Eye Protection	No Special Protective equipment required

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Hand Protection	No Special Protective equipment required
Skin Protection	No Special Protective equipment required
Respiratory Protection	No personal respiratory protective equipment required under normal conditions
Hygiene measures	No Specific measures indentified

Section 9 Physical & Chemical Properties

Appearance	Liquid
Colour	Light blue
Odor	added
pH	7
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	complete
Solubility in other solvents	complete
Partition coefficient : n-octanol / water	no data available
Autoignition tempreture	no data available
Thermal decomposition	no data available
Viscosity Kinematic	no data available
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
Possibility of hazardous reaction	No dangerous reaction known under conditions of normal use do not mix or use with bleaches and cleaning products
Condition to avoid	Heat, flames and sparks
Incompatible material	None Known
Hazardous decomposition products	Carbon oxides

Section 11 Toxicology information

Information on likely routes of exposure	Inhalation, Eye contact, skin contact
Potential Health effects	
Eyes	this product is not eye irritant. However the product may cause irritation and discomfort if splashed into eyes that may include redness, stinging, and swelling
Skin Protection	Health injuries are not known or expected under normal use
Ingestion	Health injuries are not known or expected under normal use
Inhalation	Health injuries are not known or expected under normal use
Chronic Exposure	Health injuries are not known or expected under normal use

Al Nazafat**Glass & Window Cleaner****SAFETY DATA SHEET****Experience with human****exposure**

Eye Contact	not in normal condition unless direct splashed
Skin Contact	No symptoms known or expected
Ingestion	No symptoms known or expected
Inhalation	No symptoms known or expected

Toxicity

Acute oral toxicity	no data available
Acute Inhalation toxicity	no data available
Acute dermal toxicity	no data available
Skin Corrosion/ irritation	no data available
Serious eye damage/ eye irritation	no data available
Respiratory or skin sensitization	no data available
Carcinogenicity	
Reproductive effects	no data available
Germ cell mutagenicity	no data available
Teratogenicity	no data available
STOT- Single exposure	The substance or mixture is not classified as specific target organ toxicant, single exposure
STOT- repeated exposure	no data available
Aspiration toxicity	no data available

Ingredients

Acute dermal toxicity	Not harmful
Acute inhalation toxicity	The product does not cause respiratory tract irritation.

Section 12**Ecological Information****Ecotoxicity**

Environmental Effects	no data available
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Product

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

Ingredients

Toxicity to fish	Hydrochloric Acid
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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**

Disposal Methods	to be disposed with guidance of local regulations
Disposal Considerations	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.

Section 14**Transport Information**

Marks & labels	Not regulated
Class	0

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Packing no specific requirement
General to be trasported in packed with marks specification

Section 15 Regulatory Information

Hazards Fire Hazards
Governance No chemical safety assessment has been made as this product is a mixture

Section 16 Other Information

Flammability 0
Health Harmful if swallowed
Instability 0
Physical Hazards 0

General 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.