

Al Nazafat**ALL PURPOSE DETERGENT****SAFETY DATA SHEET****Section 1 : Product & Company Information**

Product Name : **ALL PURPOSE DETERGENT**
 Other means of identification : Multi Purpose detergent
 Recommended use : Detergent and General Purpose Cleaning
 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
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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 :

: NOT classified as a poison

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

Nonionic Surfactanats, Sodium Dodcylbenzene Sulphonate, Sodium Lauryl

Chemical Name :

: **Ether Sulphate**

Appearance :

Green

Odor :

No Fragrance added

pH as is :

6-8

Foam level :

excellent foam

Viscosity :

Thick

Shelf life :

3 years

Freeze/ thaw stability :

Excellent

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solubility in water **complete**
 Dilution ratio **ready to use**

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
 Specific extinguishing methods : 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.

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
 Method and materials for containment and cleaning up : Eliminate all ignition sources 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.

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. Do not mix with any other chemicals
 Condition for Storage : 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.
 Storage temperature : 0 °C to 35 °C

Section 8 Exposure Controls / Personal Protection**Ingredients with workplace control parameters**

Ingredients : Nonionic surfactants
 OSHA Permissible Exposure Limits : No limit has been allocated to this product
 Permissible Concentration : Sodium Hydroxide cause burns

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Engineering measures

Good General ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment

Eye Protection

Avoid Contact with eyes

Hand Protection

Wear Vinyl, latex gloves

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

Clear Green

Odor

added

pH

6-8

Odor Threshold

no data available

Melting point/ frezing 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. Avoid extreme tempreture

Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use

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

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Eyes	this product is 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
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	Acute Toxicity
Acute Inhalation toxicity	May cause irritation to the respiratory system
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

Product

Toxicity to fish can affect aquatic environment

Toxicity to daphnia and other aquatic invertebrates no data available

Toxicity to algae no data available

Ingredients

Toxicity to fish no data available

Persistence and degradability no data available

Bioaccumulative potential no data available

Mobility in soil no data available

Other adverse effects no data available

Al Nazafat**ALL PURPOSE DETERGENT****SAFETY DATA SHEET****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

Packing

no specific requirement

General

to be transported in packed with marks specification

Section 15**Regulatory Information****Hazards**

Essentially non Hazardous

Governance

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

Section 16**Other Information****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.