

Al Nazafat**Floor Bleach****SAFETY DATA SHEET****Section 1 : Product & Company Information**

Product Name : **Floor Bleach**
 Other means of identification : not applicable
 Recommended use : Surface Cleaner / Bath room wash / Floor disinfectant
 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:**

The product is not combustible 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 out of reach of Children
 Keep container tightly closed

if in eyes

Response:

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**
 Other hazards : **None Known**

Section 3 : Composition / Information on Ingredients

Pure substance / Mixture : Mixture
 Chemical Name : **Sodium Hypochorite**

Section 4 : First Aid Measures

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

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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 & Carbon Mono oxides
Hazards combustion products	: No specific fire or explosive hazards
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. Do not touch or walk through spilled material.
Environment precaution	: Do not allow with soil, surface or ground water
Method and materials for containment and cleaning up	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.

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.
Condition for Storage	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.
Storage temperature	0 °C to 35 °C

Section 8

Exposure Controls / Personal Protection

Ingredients with workplace control parameters

Ingredients	Sodium Hypochlorite
Form of Exposure	DFG MAC-VALUE LIST
Permissible Concentration	PEAK 4MG/M3, 4 TIMES PER SHIFT, 15 MINUTS FROM INHALE FRACTION TWA 2 MG/M3 8 HOURS FROM INHALATION FRACTION
Engineering measures	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

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Appearance	Liquid
Colour	Yellow
Odor	Marine pungent
pH	no data available
Melting point/ frezing point	no data available
Odor Threshold	no data available
Melting point/ frezing point	no data available
Initial boiling point & boiling range	no data available
Evoporation 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
Relative vapor density	1.009 to 1.015
Water Solubility	no data available
Solubility in other solvents	no data available
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
Condition to avoid	Heat, flames and sparks
Incompatible material	None Known
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
Potential Health effects	
Eyes	Cause serious eye irritation
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	Redness, Pain, Irritation
Skin Contact	No symptoms known or expected

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Ingestion	No symptoms known or expected
Inhalation	No symptoms known or expected
Toxicity	
Acute oral toxicity	Acute toxicity estimate > 5,000 mg/kg
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 speciifc target organ toxicant, single exposure
STOT- repeated exposure	no data available
Aspiration toxicity	no data available
Ingredients	
Acute dermal toxicity	Hypo Chlorite
Acute inhlation toxicity	Hypo Chlorite

Section 12 Ecological Information

Ecotoxicity	
Environmental Effects	Harmful to aquatic life
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	dangerous to aqua life
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
Other adverse effects	no data available

Section 13 Disposal Consideration

Disposal Methods	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 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.
RCRA- Resource	

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Conservation and Recovery
Authorizatio ACT Haatdous
waste

D001 (ignitable)

Section 14

Transport Information

Marks & labels

Contains Hypochlorite

Class

Not Regulated

Packing

no specific requirement

General

to be trasported in paked with marks specification

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

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.