

Al Nazafat**Spray Disinfectant -No - Alcohol****SAFETY DATA SHEET****Section 1 : Product & Company Information**

Product Name : **Spray Disinfectant -No - Alcohol**
Other means of identification : not applicable
Recommended use : Kills 99.99% germs
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 : Flammable Liquid - Category 3
Eye Irritation : Serious Eye Damage/ Eye irritation - Category -1

Hazards pictogram :



Signal Word : **Danger**
Hazard Statements : Flammable Liquid and Danger
Precautionary Statements : **Prevention:**

Wear Protective gloves. Wear eye protection. Keep away form Heat hot surface, sparks open flames and other ignition source. No smoking. Use explosion proof electroical, ventilation, use only no sparking tools, take precautionary measures against static discharge. 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 : **Chloroxyleneol & Sodium hypochorite**
Appearance : **Clear**
Odor : **not added**
pH as is : **7 - 9 { Conc.(%w/w): 100%**
Viscosity : **not available**
Shelf life : **2 years**
solubility in water : **complete**
Dilution ratio : **ready to use**

Section 4 : First Aid Measures

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in case of eye contact	: Cause serious eye damage Rinse water, for atleast 10 minutes, if irritation persist
in case of skin contact	: get medical help immediately
if swallowed	: Rinse water, for atleast 10 minutes, if irritation persist get medical help immediately
if Inhaled	: Rinse water, for atleast 10 minutes, if irritation persist get medical help immediately
Protection for first -aiders	: Get medical attention if systems occur, however critical hazards not known
Notes to Physician	: No special precautions are necessary for first aid responders.
Ingestion	: Treat Symptomatically (refer toxicological information (Section 11)
	: Get medical attention if systems occur, however critical hazards not known

Section 5

Fire fighting Measurs

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 , halogenated compounds
Hazards combustion products	: Use personal protective equiment Use water spray to cool unopened container. Fire residues and contaminated fire
Specific extinguishing methods	: 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, prptective equioment 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 igitions source if safe to do so, stop leak if safe to do so. Contain spillage, and then collect with non-combustile absorbent, material,(e.g. sand, earth, diatomaceaeous earth, vermiculite) and place in container for disposal according to local / national regulatins (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, wellventilated place.
Condition for Storage	: 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 have been allocated to this product

Permissible Concentration

Sodium Hypochlorite

Engineering measures

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

Personal Protective Equipment

Eye Protection

Cause serious injury to eyes wear protective saftey eye wear

Hand Protection

Chemical resistant wear gloves

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Skin Protection	Depending on task PPE for the body shall be selected
Respiratory Protection	No personal respiratory protective equipment required under normal conditions
Hygiene measures	Wash hands after handling, before eating, ensure eyewash

Section 9 Physical & Chemical Properties

Appearance	Liquid
Colour	Amber
Odor	Characteristic
pH	7-9 { Conc.(%w/w) 100%
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
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 eye irritant and may cause serious injury to eyes.
Skin Protection	mild irritation
Ingestion	Adverse symptoms may include stomach pain
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	Serious injury to eye

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Skin Contact Non-sensitiser to skin
 Ingestion No symptoms known or expected
 Inhalation based on available data the classification criteria are not met

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
 Carcinogenicity no data available
 Reproductive effects no data available
 Germ cell mutagenicity no data available
 Teratogenicity no data available

Ingredients

The substance or mixture is not classified as specific target organ toxicant, single exposure
 Acute dermal toxicity Cause irritation
 Acute inhalation toxicity no known significant effects or critical hazards

Section 12**Ecological Information**

Ecotoxicity Not harmful
 Environmental Effects The product do not cause respiratory tract irritation.

Product

Toxicity to fish Acute LC 50 1400000 ug/l Marine water Exposure 48 hours
 Toxicity to daphnia and other aquatic invertebrates Harmful to aqua life with long lasting effects
 Toxicity to algae

Ingredients

no data available
 Toxicity to fish Harmful to aqua life with long lasting effects
Persistence and degradability no data available

Bioaccumulative potential

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.

Section 14**Transport Information**

Marks & labels Not regulated
Class 3
Packing no specific requirement
General to be transported 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

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Section 16

Other Information

Flammability

3

Health

2

Instability

0

Physical Hazards

2

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.

