

Al Nazafat

Antiseptic Disinfectant - Chloroxylenol

SAFETY DATA SHEET

Section 1 : Product & Company Information

Product Name : Antiseptic Disinfectant - Chloroxylenol
Other means of identification : not applicable
Recommended use : Antiseptic
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 : **Propane -2 -ol, Terpineol Caster oil**
Appearance : **amber**
Odor : **not added**
pH as is : **9.9 - 10.5 { 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 : get medical help immediately
in case of skin contact	: Rinse water, for atleast 10 minutes, if irritation persist get medical help immediately
if swallowed	: Rinse water, for atleast 10 minutes, if irritation persist get medical help immediately
if Inhaled	: Get medical attention if systems occur, however critical hazards not known
Protection for first -aiders	: No special precautions are necessary for first aid responders.
Notes to Physician	: Treat Symptomatically (refer toxicological information (Section 11)
Ingestion	: 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
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.
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	: Propane -2-ol STEL 1230mg/m3 15 minutes STEL 500 ppm 15 minutes TWA 983 mg/m3 * hours TWA 400 ppm 8 hours

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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 safety eye wear

Hand Protection

Chemical resistant wear gloves

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

9.9-10.15 { 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 temperature

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

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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
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 does 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 aquatic life with long lasting effects
Toxicity to algae	
Ingredients	no data available
Toxicity to fish	Harmful to aquatic 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

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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

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.

