

# SAFECARE MEDICAL INDUSTRIES LLC

5/03/2023  
Version 2

## Safety Data Sheet Bensan Asperfect

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier  
Product name : Bensan Asperfect
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Relevant identified uses:  
Main use category : Professional use  
Function or use category : Detergent for Professional Use
- Uses advised against : No additional information available
- 1.3 : Details of the supplier of the safety data sheet  
Supplier  
Safecare Medical Industries  
KIZAD KHIA 8-18  
P.O. Box 133685, Abu Dhabi  
United Arab Emirates  
Telephone: +971 55 433 4560
- Contact person: Regulatory Affairs – tel. +971 2 506 7333

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture  
Skin : Category 1 B  
Eye : Serious Eye Damage / Eye irritation – Category 1
- 2.2 Label elements  
Labelling according to Regulation (EC) No. 1272/2008 (CLP)  
Hazard Pictograms



GHS07

- Signal word (CLP) : Warning
- Hazard statements (CLP) : H301 – Harmful if swallowed  
: H312 – Harmful in contact with skin  
: H319 – Causes serious eye irritation
- Precautionary statements (CLP) : P264 – Wash hands thoroughly after handling

- : P280 – Wear eye protection, protective gloves
- : P301 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER.
- : P302 – IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with soap and water. Wash contaminated clothing before reuse. Immediately call a POISON CENTER.
- : P304 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call POISON CENTER.
- : P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- : P337+P313 – If eye irritation persists: Get medical advice / attention
- : P405 – Store locked up

### 2.3 Other Hazards

Other hazards not contributing to the classification

: None under normal conditions.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances : Not applicable

3.2 Mixtures

Name	Product Identifier	%	Classification according to Regulations (EC) No. 1272/2008 (CLP)
Potassium Hydroxide	(CAS-No.) 1310-18-5 (EC-No.) 215-181-3	<10%	Eye Irrit. 1, H319, Oral Toxicity, H301, Skin irrit. H312
Alkyl dimethyl benzyl ammonium chloride	(CAS-No.) 61789-71-7 (EC-No.) 939-350-2	<10%	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Chronic 2, H411
Triethanolamine	(CAS-No.) 102-71-6	2%	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 STOT SE 3

## SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general : No particular / specific measures required.

First-aid measures after inhalation : Not a normal route of exposure

First-aid measures after skin contact: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice / attention.

First-aid measure after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed symptoms/effects  
 : In all cases of doubt, or when symptoms persist, seek medical attention.  
 Symptoms/effects after skin contact: Causes skin irritation  
 Symptoms/effects after eye contact: Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed  
 Treat symptomatically. In all cases of doubt, or when symptoms persist, seek medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media : Not combustible. Use extinguishing agent suitable for surrounding fire  
 Unsuitable extinguishing media : None known

- 5.2** Special hazards arising from the substance or mixture  
 Fire hazard : Not flammable or combustible  
 Explosion hazard : Decomposition may release oxygen which may intensify fire.  
 Oxides, Oxides of phosphorus
- 5.3** Advice for firefighters  
 Firefighting instructions : Use personal protective equipment  
 Specific Extinguishing Methods
- 5.4** Special protective equipment and precautions for firefighters  
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

General measures : Wear appropriate personal protective equipment - see Section 8.  
 Avoid contact with skin and eyes.

#### For non-emergency personnel

No additional information available

#### For emergency responders

No additional information available

### 6.2. Environmental precautions

Discharging into rivers and drains is forbidden.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect all waste in suitable and labelled containers and dispose according to local legislation.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Use water rinse for final clean-up.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

Precautions for safe handling : Keep container tightly closed. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Keep only in original container. Do not expose to temperatures exceeding 40 °C. Keep cool. Keep out of reach of children.  
 Store in suitable, labelled containers.

Incompatible materials : None known

### 7.3. Specific end use(s)

Consult the supplier for further information.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1. Control parameters

Components	CAS-No.	Form of Exposure	Permissible Concentration	Basis
Potassium Hydroxide	1310-18-5	Ceiling ACGIH TLV	2 mg/m <sup>3</sup>	NIOSH REL
Triethanolamine	102-71-6	TWA ACGIH TLV	5 mg/m <sup>3</sup>	NIOSH REL

## 8.2 Exposure Controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: No special protective equipment required.
Hand protection	: Wear appropriate chemical resistant gloves
Eye protection	: Safety goggles or glasses
Skin and body protection	: Wear appropriate chemical resistant gloves
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
Other Information	: Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking when leaving work.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: White, Pale White
Odor	: None
Odor threshold	: Not determined
pH	: 12.5
Relative evaporation rate	: Not determined
Melting point	: Not determined
Freezing point	: Not determined
Boiling point	: Not determined
Flash point	: Not determined
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Flammability (solid, gas)	: Not determined
Vapour pressure	: Not determined
Relative vapour density at 20°C	: Not determined
Relative density	: 1.025
Solubility	: Not determined
Log Pow	: Not determined
Viscosity, kinematic	: Not determined
Viscosity, dynamic	: Not determined
Explosive properties	: Product is not explosive.
Oxidising properties	: Not determined
Explosive limits	: Not determined

### 9.2 Other Information

Addition Information	: None to our knowledge
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use

### 10.4. Conditions to avoid

Do not mix with other cleaning or disinfection products.

### 10.5. Incompatible materials

Oxidizing agents, reducing agents, bases, ferrous metals such as galvanized iron and heavy metals.

### 10.6. Hazardous decomposition products

Decomposition releases oxygen which may intensify fires.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity Values

Potassium Hydroxide	: LD50 (Oral) Rat: > 274 mg/Kg
Triethanolamine	: LD50 (Oral) Rat: 4000mg/kg LD50 Dermal Rabbit >2000 mg/kg
Skin corrosion/irritation	: Corrosive. May cause severe irritation or burns. pH 12.5
Serious eye damage/irritation	: Causes serious eye damage
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Ecology – general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects on the environment.

long-term adverse effects on the environment.

<b>Potassium Hydroxide</b>	
LC50 fish l	96 hr mosquito fish 80 mg/L
<b>Triethanolamine</b>	
LC50 fish l	96 hr LC50 fathead minnow 1800-11,800 mg/L; 24 hr LC50 daphnia magna 739-2038 mg/L; 72 hr EC50 algae 216-750 mg/L

## 12.2 persistence and degradability

Triethanolamine	
Persistence and degradability	Readily biodegradable.

## 12.3 Bio-accumulative potential

Bensan Asperfect	
Log Pow	Not determined
Bio-accumulative potential	Not potentially bioaccumulable.

## 12.4 Mobility in Soil

Bensan Asperfect	
Ecology – soil	Triethanolamine is expected to have very high mobility in soil.

## 12.5 Results of PBT and vPvB assessment

Bensan Asperfect	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

## 12.6 Other adverse effects

Other adverse effects : None to our knowledge  
 Additional Information : No other effects known

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Regional legislation (waste) : Dispose as hazardous waste.  
 Waste treatment methods : Recover the product with absorbent material. Dispose of contents/container in accordance with licensed collector's sorting instructions.  
 Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
 Ecology - waste materials : Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA

ADR	IMDG	IATA	RID
<b>14.1 UN Number</b>			
1814	1814	1814	1814
<b>14.2 Transport document description</b>			
Potassium Hydroxide Solution	Potassium Hydroxide Solution	Potassium Hydroxide Solution	Potassium Hydroxide Solution
<b>14.3 Transport hazard class(es)</b>			
8	8	8	8
<b>14.4 Packaging group</b>			
II	II	II	II
<b>14.5 Environmental hazards</b>			
Dangers for Environment: No	Dangers for Environment: No Marine pollutant: No	Dangers for Environment: No	Dangers for Environment: No

No supplementary information available

14.6 Special precautions for user: None Available

Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form.

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

#### EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

## SECTION 16: OTHER INFORMATION

NFPA Rating: Fire: 1

Health: 3

Instability: 0

Indication of changes: Identification of the substance/mixture and of the company/undertaking. Relevant identified uses.

1.0	Composition / Information on Ingredients	Modified
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Supersedes	NA
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Signature	Quality Control

*The information in this safety data sheet is based on information from the manufacturer/supplier, present European and national legislation, and presupposes that the product is used within the specified area of application.*