

# SAFECARE MEDICAL INDUSTRIES LLC

07/08/2023  
Version 1

## Safety Data Sheet Bensan iTreat

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

1.1 Product Identifier  
Product name : Bensan iTreat

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 : Povidone Iodine and alcohol based wound treatment  
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 2 506 7333

Contact person: Deepthi Rhamba – tel. +971 2 506 7333

### SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)  
Flam. Liq. 3 H226  
Eye Irrit. 2A  
Chronic Aquatic Toxicity Category 3

Full test of hazard classes and H-statements: see section 16

2.2 Label elements  
Labelling according to Regulation (EC) No. 1272/2008 (CLP)

## Hazard Pictograms



GHS05



GHS09



GHS02



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H226 Flammable liquid and vapour  
: H318 Causes serious eye damage.  
: H411 Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) P102 – Keep out of Reach of Children  
P273 – Avoid release to the environment  
P280 – Wear protective gloves/protective clothing/eye protection/face protection/hearing protection...  
P301 + 330 + 331 – IF SWALLOWED: Rinse mouth. Do not induce vomiting.  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several  
P310 – Immediately call POISON CENTER/doctor  
P391 – Collect Spillage  
P501 – Dispose of contents/container to industrial combustion plant

### 2.3 Other Hazards

Other hazards not contributing to the classification : None under normal conditions.

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

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures – Hazardous Ingredients

| Name  | Product Identifier   | %    | CLP Classification                                     |
|---|--|------|--|
| Povidone Iodine                                   | CAS Nbr 25655-41-8   | <15% | Acute Tox. 4 (Oral), H302                              |
| propan-2-ol,<br>isopropyl alcohol,<br>isopropanol | (CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25 | <60% | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 |

## 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 : If symptoms develop move victim to fresh air. Get medical attention if irritation or other symptoms persists.  
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 eye contact: Causes serious 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 : Use extinguishing media appropriate for surrounding fire. Water fog, Foam, carbon dioxide (CO2) and powder.  
Unsuitable extinguishing media : Do not use a heavy water stream
- 5.2 Special hazards arising from the substance or mixture  
Fire hazard : Flammable liquid or vapour  
Explosion hazard : Product is not explosive  
Hazardous decomposition products in case of fire : Carbon monoxide. Carbon dioxide.
- 5.3 Advice for firefighters  
Firefighting instructions : Use water spray or fog for cooling exposed containers  
Protection during firefighting  
: Do not enter fire area without proper personal protective equipment, including respirator protection

## 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 eyes. No open flames. No smoking. Use special care to avoid static electric charges. No flames, no sparks. Eliminate all sources of ignition.

#### 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.

### 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 eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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. Keep cool. Store in a well-ventilated place.

Incompatible materials : N/A

### 7.3. Specific end use(s)

Consult the supplier for further information.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

| Povidone Iodine 25655-41-8 |                 |    |
|----------------------------|-----------------|----|
| United Kingdom             | WEL TWA (mg/m3) | 10 |

| Propan-2-ol, isopropyl alcohol, isopropanol (67-63-0) |                        |                   |
|---|------------------------|-------------------|
| Ireland   | Local name             | Isopropyl alcohol |
| Ireland   | OEL (8 hours ref)(ppm) | 200 ppm           |
| Ireland   | OEL (15 min ref)(ppm)  | 400 ppm           |
| Ireland   | Notes (IE)             | Sk                |
| United Kingdom  | Local name             | Propan-2-ol       |
| United Kingdom  | WEL TWA (mg/m3)        | 999 mg/m3         |
| United Kingdom  | WEL TWA (ppm)          | 400 ppm           |
| United Kingdom  | WEL STEL (mg/m3)       | 1250 mg/m3        |
| United Kingdom  | WEL STEL (ppm)         | 500 ppm           |

### 8.2 Exposure Controls

#### PERSONAL PROTECTION

None expected to be required under normal usage conditions.

#### EYE/FACE PROTECTION

Safety glasses. STANDARD EN 166

#### SKIN PROTECTION

None expected to be required under normal usage conditions.

#### RESPIRATORY PROTECTION

None expected to be required under normal usage conditions.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state : Liquid  
 Colour : red brown  
 Odor : Alcoholic odor  
 Odor threshold : Not determined  
 pH : 10.5 – 12.5  
 Relative evaporation rate : Not determined  
 Melting point : Not determined  
 Freezing point : Not determined  
 Boiling point : 88°C  
 Flash point : 31°C  
 Auto-ignition temperature : Not determined  
 Decomposition temperature : Not determined

|                                 |                               |
|---------------------------------|-------------------------------|
| Flammability (solid, gas)       | : Not applicable              |
| Vapour pressure                 | : Not determined              |
| Relative vapour density at 20°C | : Not determined              |
| Relative density                | : 0.98                        |
| Solubility                      | : In water, material soluble. |
| Log Pow                         | : Not determined              |
| Viscosity, kinematic            | : 500-1500 mPa-s              |
| Viscosity, dynamic              | : Not determined              |
| Explosive properties            | : 2 vol %<br>: 12.7 vol%      |

## 9.2 Other Information

Addition Information : None to our knowledge

## 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 polymerization.

### 10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Oxidizing agent. Acids. reducing materials.

### 10.6. Hazardous decomposition products

No decomposition if stored and used normally. Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Nitrogen oxides. Amines. Chlorine. Hydrogen chloride.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity : Not classified

| <b>Propan-2-ol, Isopropyl alcohol, Isopropanol (67-63-0)</b> |              |
|--|--------------|
| LD50 oral rat  | 4710 mg/kg   |
| LD50 dermal rat  | 12800 mg/kg  |
| LD50 dermal rabbit   | 12800 mg/kg  |
| LD50 inhalation rat (Vapors – mg/l/4h)                       | 72.6 mg/l/4h |

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Skin corrosion/irritation         | : Not classified                |
| Serious eye damage/irritation     | : Causes serious eye irritation |
| Respiratory or skin sensitization | : Not classified                |
| 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 : Toxic to aquatic life with long lasting effects.

| <b>Propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b> |   |
|--|---|
| LC50 fish l  | 4200 mg/l (96 hours Rasbora heteromorpha) |
| EC50 Daphnia 1   | 13300 mg/l EC50 48h- Daphnia magna (mg/l) |

### 12.2 persistence and degradability

| <b>Bensan iTreat</b>          |                   |
|-------------------------------|-------------------|
| Persistence and degradability | No data available |

| <b>Propanol-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b> |                           |
|--|---------------------------|
| Persistence and degradability                                  | Readily biodegradable.    |
| BOD (% of ThOD)  | 0.3 – 0.6 % ThOD BOD5/COD |
| Biodegradation   | 84% (OECD 301E method)    |

### 12.3 Bioaccumulative potential

| <b>Bensan iTreat</b> |                |
|----------------------|----------------|
| Log Pow              | Not determined |

| <b>Propanol-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b> |      |
|--|------|
| Bio-concentration factor (BCF REACH)                           | 3    |
| Log Pow  | 0.84 |

### 12.4 Mobility in Soil

| <b>Bensan iTreat</b> |                  |
|----------------------|------------------|
| Ecology – soil       | Soluble in water |

### 12.5 Results of PBT and vPvB assessment

| <b>Bensan iTreat</b>   |  |
|--|--|
| 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.  |
| European List of Waste (LoW) code          | : 19 02 08* - liquid combustible wastes containing dangerous substances  |

## SECTION 14 : TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR   | IMDG  | IATA  | RID   |
|---|---|---|---|
| <b>14.1 UN Number</b>   |   |   |   |
| 1987  | 1987  | 1987  | 1987  |
| <b>14.2 UN proper shipping name</b>   |   |   |   |
| ALCOHOLS, N.O.S   | ALCOHOLS, N.O.S.  | ALCOHOLS, N.O.S.  | ALCOHOLS, N.O.S.  |
| <b>Transport document description</b>   |   |   |   |
| UN 1987 ALCOHOLS, N.O.S. (propan-2-ol, isopropyl alcohol, isopropanol), 3, III, (D/E) | UN 1987 ALCOHOLS, N.O.S., 3, III  |   |   |
| <b>14.3 Transport hazard class(es)</b>  |   |   |   |
| 3   | 3   | 3   | 3   |
|      |  |  |  |
| <b>14.4 Packaging group</b>   |   |   |   |
| III   | III   | III   | III   |
| <b>14.5 Environmental hazards</b>   |   |   |   |
| Dangers for Environment: No   | Dangers for Environment: No<br>Marine pollutant: No                               | Dangers for Environment: No   | Dangers for Environment: No   |
| No supplementary information available  |   |   |   |

Marine Pollutant : NO

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS Air transport

(ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport

(IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

## 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

#### National regulations

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

### 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

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

| 3.2                    | Composition / Information on Ingredients | Modified |
|------------------------|--|----------|
| Date of issue          | 07.09.2023                               |          |
| Revision date          | 07.09.2023                               |          |
| Supersedes             | NA                                       |          |
| Date of total revision | 07.09.2023                               |          |
| Version                | 1.0                                      |          |
| Signature              | Regulatory Affairs                       |          |

### Full test of H- and EUH-statements

|                                   |  |
|-----------------------------------|--|
| Acute Tox. 3 (Oral)               | Acute toxicity (oral), Category 3  |
| Acute Tox. 4 (Dermal)             | Acute toxicity (dermal), Category 4  |
| Acute Tox. 4 (Inhalation: vapour) | Acute toxicity (inhalation: vapor) Category 4  |
| Acute Tox. 4 (Oral)               | Acute toxicity (oral), Category 4  |
| Aquatic Chronic 2                 | Hazardous to the aquatic environment — Chronic Hazard, Category 2                          |
| Eye Irrit. 2                      | Serious eye damage/eye irritation, Category 2  |
| Flam. Liq. 2                      | Flammable liquids, Category 2  |
| Flam. Liq. 3                      | Flammable liquids, Category 3  |
| Skin Corr. 1A                     | Skin corrosion/irritation, Category 1A   |
| Skin Irrit. 2                     | Skin corrosion/irritation, Category 2  |
| STOT SE 3                         | Specific target organ toxicity — Single exposure, Category 3, Narcosis                     |
| STOT SE 3                         | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H225                              | Highly flammable liquid and vapour   |
| H226                              | Flammable liquid and vapour  |
| H301                              | Toxic if swallowed   |
| H302                              | Harmful if swallowed   |
| H312                              | Harmful in contact with skin   |
| H314                              | Causes severe skin burns and eye damage  |
| H315                              | Causes skin irritation   |
| H319                              | Causes serious eye irritation  |
| H332                              | Harmful if inhaled   |
| H335                              | May cause respiratory irritation   |
| H336                              | May cause drowsiness or dizziness  |
| H411                              | Toxic to aquatic life with long lasting effects  |

*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.*