

Safety Data Sheet

Bensan Value Econo Wipes

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

1.1 Product Identifier

Product name : Bensan Value Econo Wipes

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 : Cleaner and disinfectant of medical device surfaces

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: Regulatory Affairs – 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. 2 H319

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



GHS02

GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H226 – Flammable liquid and vapour

: H319 – Causes serious eye irritation

Precautionary statements (CLP)

: P210 – Keep away from heat, hot surfaces, open flames, sparks. – No smoking

P233 – Keep container tightly closed

P280 – Wear eye protection, protective gloves

P337+P313 – If eye irritation persists: Get medical advice / attention
 P403+P235 – Store in a well-ventilated place. Keep cool
 P501 –Dispose of contents / container to hazardous or special waste collection point, in accordance with local, regional, national and / or international regulation

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

Name	Product Identifier	%	Classification according to Regulations (EC) No. 1272/2008 (CLP)
propan-2-ol, isopropyl alcohol, isopropanol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7	15-20	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Didecyltrimethylammonium Chloride	(CAS-No.) 7173-51-5 (EC-No.) 230-525-2	<0.5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Benzalkonium Chloride	(CAS-No.) 121-54-0 (EC-No.) 204-479-9	< 0.2	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Chronic 2, H411

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 : Remove victim to fresh air and keep at rest in a position comfortable for breathing
 First-aid measures after skin contact:
 Gently wash with plenty of 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 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. 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 skin and 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 skin and 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. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep cool. Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials : Oxidizing substances.

7.3. Specific end use(s)

Consult the supplier for further information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

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

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Gloves. Safety glasses

Hand protection : Butylrubber protective gloves. Nitrile rubber gloves. Breakthrough time: > 60 minutes. Layer thickness: 0.1mm. STANDARD EN 374.

Eye protection : Safety glasses. STANDARD EN 166

Skin and body protection : Wear suitable protective clothing

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 : clear. Amber.
 Odor : alcohol.
 Odor threshold : Not determined
 pH : 10.5-12.5
 Relative evaporation rate : Not determined
 Melting point : Not determined
 Freezing point : Not determined
 Boiling point : Not determined

Flash point	: 64°C
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Flammability (solid, gas)	: Not determined
Vapour pressure	: Not determined
Relative vapour density at 20°C	: 2.1
Relative density	: 0.972 g/cm ³
Solubility	: in water, material soluble.
Log Pow	: Not determined
Viscosity, kinematic	: Not determined
Viscosity, dynamic	: Not determined
Explosive properties	: Product is not explosive.
Oxidising properties	: Flammable liquid and vapour.

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

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

Benzethonium chloride (121-54-0)	
LD50 oral rat	368 mg/kg

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation pH 10.5-12.5
Respiratory or skin sensitisation	: 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 : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects on the environment.

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

Benzethonium Chloride (121-54-0)	
LC50 fish l	1.4 mg/l (96 hours – Lepomis macrochirus)
EC50 Daphnia 1	70 mg/l

12.2 persistence and degradability

Bensan Value Econo Wipes	
Persistence and degradability	No data available

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

12.3 Bioaccumulative potential

Bensan Value Econo Wipes	
Log Pow	Not determined
Bio-accumulative potential	Not potentially bioaccumulable.

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

12.4 Mobility in Soil

Bensan Value Econo Wipes	
Ecology – soil	Soluble in water

12.5 Results of PBT and vPvB assessment

Bensan Value Spray	
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
14.1 UN Number			
1987	1987	1987	1987
14.2 UN proper shipping name			
Solids containing flammable liquid, n.o.s. (Propan-2-ol)	Solids containing flammable liquid, n.o.s. (Propan-2-ol)	Solids containing flammable liquid, n.o.s. (Propan-2-ol)	Solids containing flammable liquid, n.o.s. (Propan-2-ol)
ALCOHOLS, N.O.S	ALCOHOLS, N.O.S.	ALCOHOLS, N.O.S.	ALCOHOLS, N.O.S.
Transport document description			
UN 1987 ALCOHOLS, N.O.S. (propan-2-ol, isopropyl alcohol, isopropanol), 3, III, (D/E)	UN 1987 ALCOHOLS, N.O.S., 3, III		
14.3 Transport hazard class(es)			
4.1	4.1	4.1	4.1
			
14.4 Packaging group			
II	II	II	II
14.5 Packaging Instructions			
	EmS Code: F-A, S-I	Cargo Aircraft: 448	ERG 133
		Passenger Aircraft: 445	
14.5 Environmental hazards			
Dangers for Environment: No	Dangers for Environment: No Marine pollutant: No	Dangers for Environment: No	Dangers for Environment: No
Emergency Response Guide No.: ERG 133 Flammable Solid, organic n.o.s			

SECTION 15: REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the mixture**

This product is classified under the Classification, Labelling and Packaging of Substances and Mixtures (EC) No 1272/ 2008 and contains substances which are notified under the Biocidal Products Regulation (EU). No 528/2012.

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
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Date of issue	05.11.2023
Revision date	05.11.2023
Supersedes	Version 3.0 dated 01.07.2023
Date of total revision	05.11.2023
Version	1.0
Signature	Regulatory Affairs