SAFECARE MEDICAL INDUSTRIES LLC

08/08/2023
Version 2.0

Safety Data Sheet
Bensan Sparkle

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

1.1 Product Identifier
Product name : Bensan Sparkle

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 2 506 7333

Contact: 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	11%	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	<5%	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 30 °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/m3	NIOSH REL
Triethanolamine	102-71-6	TWA ACGIH TLV	5 mg/m3	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 : 12.5-13.5
Relative evaporation rate : Not determined
Melting point : Not determined
Freezing point : Not determined
Boiling point : Not determined
Flash point : Product is not flammable
Auto-ignition temperature : Product is not flammable
Decomposition temperature : Not determined
Flammability (solid, liquid) : 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

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 12.5-13.5

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.

Potassium Hydroxide	
LC50 fish 1	96 hr mosquito fish 80 mg/L
Triethanolamine	
LC50 fish 1	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 Heavy Duty Spray	
Log Pow	Not determined
Bio-accumulative potential	Not potentially bioaccumulable.

12.4 Mobility in Soil

Bensan Heavy Duty Spray	
Ecology – soil	Triethanolamine is expected to have very high mobility in soil.

12.5 Results of PBT and vPvB assessment

Bensan Sparkle
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
14.1 UN Number			
1814	1814	1814	1814
14.2 Transport document description			
Potassium Hydroxide Solution	N Potassium Hydroxide Solution	Potassium Hydroxide Solution	Potassium Hydroxide Solution
14.3 Transport hazard class(es)			
8	8	8	8

14.4 Packaging group			
II	II	II	II
14.5 Environmental hazards			
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

Date of issue	5.11.2022
Revision date	08.08.2023
Supersedes	NA
Date of total revision	08.08.2023
Version	2.0
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.