

Date issued: 08.04.2020

1. Company Details & Product Identification

Name	:	Betasan Products	Emergency Tel	:	(083) 459-5048
Address:	18 Brighton Road, Bramley View		Telex	:	-
Tel	:	(011) 882-1200	Fax	:	(011) 882-5279
Trade Name	:	Betasan Antibacterial Hand Gel 50mL / 100mL / 500mL / 1L and 5L bottles, 700mL and 800mL sachets			
Chemical family	:	Gel hand sanitizer			
Chemical Name	:	Not applicable			
Synonyms	:	Not applicable			
Chemical abstract no.	:	Not applicable			

2. Composition

Hazardous components:

	%	EC Number	Classification
Ethanol (CAS No.: 64-17-5)	60		R11

3. Hazardous Identification

Main hazard	:	Harmful
Flammability	:	Flammable under extreme conditions
Chemical hazard	:	None
Biological hazard	:	Harmful
Reproductive hazard	:	Not known

3. Hazardous Identification (continued)	
Health effects - eye contact	: Stinging sensation (irritant)
Health effects – skin contact	: Prolonged or repeated contact may cause irritation
Health effects – ingestion	: May cause headaches, nausea and/or vomiting.
Health effect – inhalation	: May cause irritation to the respiratory tract, headache, nausea and vomiting.
4. First Aid Measures	
Product in eye	: Immediately flush with water for at least 15 minutes or until irritation stops. Seek medical advice.
Product on skin	: Immediately flush skin with plenty of water and remove any contaminated clothing.
Product ingested	: Do not induce vomiting. Give copious amounts of water to drink. Seek immediate medical attention.
Product inhaled	: Remove to fresh air. Consult physician, should breathing still be difficult.
5. Fire Fighting Measures	
Extinguishing media	: Not applicable
Special hazards	: None
Protective clothing	: Not applicable
6. Accidental Release Measures	
Personal precautions	: None
Environmental precautions:	Do not allow to enter waterways
Small spills	: Flush to approved drain with plenty of water
Large spills	: Absorbed onto inert material. May be buried in an approved landfill site
7. Handling and Storage	
Suitable material	: Polyethylene containers (original container)
Handling / Storage precautions	: Do not breathe vapour/spray. Avoid contact with the eyes.

Store in a cool, dry place.

8. Exposure Control / Personal Protection

Occupation exposure limits	:	Not applicable
Engineering control measures	:	None
Personal protection – respiratory	:	None
Personal protection-hand	:	None
Personal protection – eye	:	None
Personal protection – skin	:	Overalls
Other protection	:	Ventilation (local exhaust)
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling product and before eating, smoking and before going home.

9. Physical and Chemical Properties

Appearance	:	Clear, blue semi-viscous liquid
Odour	:	Typical
pH (as is)	:	Not applicable
Boiling point	:	<. 100°C
Freezing point	:	Not determined
Flash point	:	Not determined
Flammability	:	Flammable under extreme conditions
Explosive properties	:	Not considered as a product that has an explosion risk
Oxidizing properties	:	None
Vapour pressure	:	Not determined
Density@ 20 ⁰ C	:	0.89 +/- 0.01g/cm ³
Solubility – water	:	Complete
Solubility – solvent	:	Soluble in polar solvents
Solubility – coefficient	:	This product is more soluble in water

10. Stability and Reactivity

Stability	:	The product is stable
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Incompatible materials	:	Strong oxidising agents				
11. Toxicological Information						
Local effects:						
Skin irritation	:	In case of prolonged skin contact only				
Eye irritation	:	Hazardous in case of eye contact (irritant)				
Acute toxicity	:	Acute oral toxicity (LD ₅₀): 9000 mg/kg (rat) [ethanol]				
Chronic toxicity	:	Severe eye irritation may be produced with repeated or prolonged contact with concentrated product. Ingestion may cause nausea, vomiting and/or diarrhea				
Specific effects:						
Carcinogenic effects	:	None, as classified by OSHA and NIOSH				
12. Ecological Information						
Eco-toxicity:						
Eco-toxicity in water	:	Not expected to be harmful to aquatic organisms.				
Biodegradability	:	Biodegradable. If used responsibly, this product is not expected to cause adverse effects to the environment.				
13. Disposal Considerations						
Disposal consideration	:	Do not re-use containers. Puncture all plastic containers.				
Disposal methods	:	Waste must be disposed of in accordance with local government and environmental control regulations.				
Waste classification	:	No additional information				
European Waste Catalogue (EWC)	:	No known data				
Hazardous waste	:	The classification of this product may meet the criteria for a hazardous waste				
14. Transport Information						
International transport regulations:						
Regulatory Information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
ADR/RID Class	Not regulated	-	-	-	-	-
Land – Road/Railway						
ADN Class	Not regulated	-	-	-	-	-
Inland waterways						
IMDG Class	Not regulated	-	-	-	-	-

Sea						
IATA-DGR Class	Not regulated	-	-	-	-	-
Air						

15. Regulatory Information

EU Regulations:

Hazard symbol(s)	:	None
Classification	:	Harmful
Risk phases	:	R10 - Flammable R22 – Harmful if swallowed R36 – Irritating to eyes
Safety phases	:	S2 – Keep out of reach of children S25 – Avoid contact with eyes S46 – If swallowed, seek medical advice immediately and show this container or label.
Product use	:	Consumer applications
		Classification and labeling have been performed as close as possible according to EU directives 67/548/EEC, 1999/45/EC including any amendments and the intended use.

16. Other Information

Date of preparation	:	08-04-2020 Revision 6
Other Special considerations	:	No additional remarks

Disclaimer:

Betasan believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this Safety Data Sheet. However, because the conditions of handling and possible addition of other chemicals, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this Safety Data Sheet are offered for user's consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data to comply with all applicable international, state, and local laws and regulations.