

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 :	<b>Betasan Antibacterial Liquid Soap 50mL / 100mL / 500mL / 1L and 5L bottles, 700mL and 800mL sachets</b>		
Chemical family :	Foaming Hand Cleanser		
Chemical Name :	Not applicable		
Synonyms :	Not applicable		
Chemical abstract no. :	Not applicable		

### 2. Hazard Identification

Main hazard :	Essentially non-hazardous
Flammability :	Not flammable
Chemical hazard :	None
Biological hazard :	Prolonged skin contact may defat the skin
Reproductive hazard :	Not known
Health effects - eye contact :	Stinging sensation
Health effects – skin contact :	May be irritating to skin with prolonged use
Health effects – ingestion :	May be harmful if swallowed.
Health effect – inhalation :	Not expected to be a hazard under normal use conditions with good ventilation

3. Composition			
Hazardous components:			
	%	EC Number	Classification
Glutaraldehyde	< 5		H303, H320
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	:	Rinse with water. Apply hand lotion with prolonged use.	
Product ingested	:	<b>Do not</b> 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:			
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	:	Avoid prolonged contact with skin and contact with 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, orange viscous liquid
Odour	:	Neutral
pH (as is)	:	6.5 – 8.0
Boiling point	:	Approx. 100°C
Freezing point	:	Not determined
Flash point	:	Not flammable
Flammability	:	Not flammable
Explosive properties	:	Not considered as a product that has an explosion risk
Oxidizing properties	:	None
Vapour pressure	:	Not determined
Density @ 20 <sup>0</sup> C	:	1.01 +/- 0.01g/cm <sup>3</sup>
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 acids and oxidizing 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 : LD<sub>50</sub> (rat): 1288mg/kg (SLES)  
 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 does not 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
<b>ADR/RID Class</b>  Land – Road/Railway	Not regulated	-	-	III	-	-
<b>ADN Class</b>  Inland waterways	Not regulated	-	-			-
<b>IMDG Class</b>	Not regulated	-	-			-

Sea						
<b>IATA-DGR Class</b>	Not regulated	-	-			-
Air						

#### 15. Regulatory Information

##### EU Regulations:

Hazard symbol(s) : None

Classification : None

Hazard statements : H303 – May be harmful if swallowed  
H320 – Causes eye irritation

Precautionary statements : P102 – Keep out of reach of children  
P301+P330+P331 – If swallowed: Rinse mouth and do not induce vomiting  
P305+P351+PP338 – 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

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 3

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.

