

Date issued: 08.06.2020

1. Company Details & Product Identification

Name :	Betasan Products	Emergency Tel :	(076) 673-0950
Address:	18 Brighton Road, Bramley View	Telex :	-
Tel :	(011) 882-1200	Fax :	(011) 882-5279
Trade Name :	Betasan K6 QAC SANITISER		
Chemical family :	Highly Active QAC Sanitizer		
Chemical Name :	Not applicable		
Synonyms :	Not applicable		
Chemical abstract no. :	Not applicable		

2. Hazard Identification

Main hazard :	Irritant
Flammability :	Non-flammable
Chemical hazard :	Flammable in concentrated form
Biological hazard :	Prolonged skin contact may defat the skin
Reproductive hazard :	Not known
Health effects - eye contact :	Stinging sensation
Health effects – skin contact :	May cause sensitisation
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. CONCENTRATION OR CONCENTRATION RANGE:			
Hazardous components:			
	CONCENTRATION RANGE:	MAJOR HAZARD:	R-PHRASES:
Didecyl Dimethyl Ammonium Chloride U.N. # 2920	10 – 29%	Irritant	R36, 37, 38
4. First Aid Measures			
Product in eye	:	Keep eyes open and flush with clean water for 15 minutes. Obtain medical attention.	
Product on skin	:	Wash with large quantities of water.	
Product ingested	:	Do not induce vomiting. Give copious amounts of water to drink. Seek immediate medical attention.	
Product inhaled	:	Prolonged inhalation may cause drowsiness and inability to concentrate.	
5. Fire Fighting Measures			
Extinguishing media	:	Non flammable in diluted form.	
Special hazards	:	None	
Protective clothing	:	Not applicable	
6. Accidental Release Measures			
Personal precautions	:	Wear protective clothing and equipment to prevent skin, eye contact and ingestion.	
Environmental precautions:		Do not allow product to enter soil and waterways.	
Small spills	:	Mechanically or liquid binding material i.e. sand.	
Neutralization and Disposal of:		No neutralisation required. Remove to waste disposal area.	
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	:	To be monitored at the work place
Engineering control measures	:	None
Personal protection – respiratory	:	The use of an approved N.I.O.S.H. / M.S.H.A. respirator is advised
Personal protection-hand	:	Wear PVC gloves
Personal protection – eye	:	Wear goggles or face shield
Personal protection – skin	:	Overalls
Other protection	:	Wear PVC apron.
Hygiene measures	:	Wash contaminated clothing before storage and re-use
9. Physical and Chemical Properties		
Appearance	:	Clear, blue liquid
Odour	:	Faint amine
pH (as is)	:	9.0 – 10.0
Boiling point	:	101°C
Freezing point	:	Not determined
Flash point	:	Boils without flashing
Flammability	:	Flammable in concentrated form
Explosive properties	:	Not applicable
Oxidizing properties	:	None
Vapour pressure	:	Not determined
Density @ 20 ⁰ C	:	1.00 ±0.02 kg / L
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
Incompatible materials	:	Food stuff, oxidising agents and strong acids

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	:	No data				
Chronic toxicity	:	None				
Specific effects:						
Results of data from scientific experiments and sources of Information						
	:	Not known				
12. Ecological Information						
Eco-toxicity:						
Eco-toxicity in water	:	Soluble in water. Avoid product spillage from entering waterways				
Biodegradability	:	No evidence for biodegradability in water.				
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
ADR/RID Class Land – Road/Railway	Not regulated	-	-	III	-	-
ADN Class Inland waterways	Not regulated	-	-			-
IMDG Class Sea	Not regulated	-	-			-
IATA-DGR Class Air	Not regulated	-	-			-

15. Regulatory Information	
EU Regulations:	
Hazard symbol(s)	: Irritant.
Classification	: R36 – Irritating to eyes R37 – Irritating to respiratory system R38 – Irritating to skin
Hazard statements	: S7 – Keep container tightly closed S13 – Keep away from food, drink and animal foodstuffs. S18 – Handle and open container with care S24 – Avoid contact with skin S25 – Avoid contact with eyes. S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S27 – Take off immediately all contaminated clothing S28 – After contact with skin, wash immediately with plenty of water. S36 – Wear suitable protective clothing
National Legislation	: Contact local authorities, refer to attached Risk and Safety Phrases Data.
Product use	: Consumer applications
16. Other Information	
Date of preparation	: 08-06-2020 Revision 1
Other Special considerations	: No additional remarks
Disclaimer:	
<p>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.</p>	