

**SAFETY DATA SHEET****SAFETY DATA SHEET**

Date issued: 05.06.2020

**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 :	<b>Betasan Antibacterial Fogger 100ml / 250ml / 400mL</b>		
Chemical family :	Aerosol Sanitiser		
Chemical Name :	Not applicable		
Synonyms :	Not applicable		
Chemical abstract no. :	Not applicable		

**2. Hazard Identification**

Main hazard :	Flammable
Flammability :	Flammable
Chemical hazard :	None
Biological hazard :	Harmful
Reproductive hazard :	Not known
Health effects - eye contact :	Direct contact with the aerosol may cause cold burns
Health effects – skin contact :	Direct contact with the aerosol may cause cold burns
Health effects – ingestion :	Not applicable
Health effect – inhalation :	Not expected to be a hazard under normal use conditions with good ventilation. Intentional misuse by deliberately concentrating or inhaling the contents of an aerosol product can be harmful or fatal. Inhalation of excessive vapours may lead to drowsiness, loss of consciousness and subsequent asphyxiation.

### 3. Composition

Hazardous components:

	% v/v	EC Number	Classification
Aerosol propellant (CAS No.: 00106-97-8)	> 50	2034487	H220
Betasan Liquid Sanitiser	< 50		H225/319/336

Betasan Liquid Sanitiser Hazardous components:

	% v/v	EC Number	Classification
Isopropanol (CAS No.: 67-63-0)	75		H225/319/336

### 4. First Aid Measures

- Product in eye : Immediately flush with water for at least 15 minutes or until irritation stops. Seek medical attention.
- Product on skin : Immediately flush skin with plenty of water and remove any contaminated clothing. Seek medical attention if required.
- Product ingested : Not applicable
- Product inhaled : Remove to fresh air, keep warm and at rest. Consult physician, should breathing still be difficult.

### 5. Fire Fighting Measures

- Extinguishing media : Foam, CO<sub>2</sub>, powder (as for solvent fires)
- Special hazards : Carbon monoxide and unidentified organic compounds may be formed during combustion
- Protective clothing : Self-contained breathing apparatus

### 6. Accidental Release Measures

- Personal precautions : Wear suitable protective equipment



- Environmental precautions: Do not allow to enter waterways

- Clean-up procedure : If the aerosol container is damaged or pierced, if possible, allow the propellant to vent-off. Transfer to a suitable container for subsequent disposal.

### 7. Handling and Storage

Suitable material	:	Steel aerosol containers
Handling / Storage precautions	:	Do not pierce or burn. Do not breathe vapour/spray. Avoid contact with skin and eyes. Store in a cool dry place away from sources of ignition.
<b>8. Exposure Control / Personal Protection</b>		
Occupation exposure limits	:	TLV (ACGHIH) 800ppm (Aerosol propellant)
Engineering control measures	:	Keep the vapour concentrations below their occupational exposure limits, by providing adequate ventilation. Exhaust ventilation or other engineering controls may be necessary, if ventilation is inadequate.
Personal protection – respiratory	:	None necessary
Personal protection-hand	:	None necessary however wear rubber gloves when installing product
Personal protection – eye	:	None necessary however use goggles when installing product.
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.
<b>9. Physical and Chemical Properties</b>		
Appearance	:	Aerosol container
Odour	:	Various fragrances
pH (10% soln)	:	Not applicable
Boiling point	:	-0.5°C
Freezing point	:	-138°C
Flash point	:	Not determined
Flammability	:	Flammable
Explosive properties	:	Pressurised container – may explode if exposed to direct sunlight or temperatures exceeding 50°C
Oxidizing properties	:	None
Vapour pressure @ 20°C	:	4.7 bar (Mixture CB62)
R.D. @ 20°C (base)	:	0.86 kg/L
Solubility – water	:	88mg/l
Solubility – solvent	:	Not determined
<b>10. Stability and Reactivity</b>		

Stability	:	The product is stable
Incompatible materials	:	Strong oxidising agents. Do not spray on a naked flame, electrical equipment or incandescent material.

#### 11. Toxicological Information

##### Local effects:

Skin irritation	:	Direct contact with the aerosol may cause cold burns to the skin
Eye irritation	:	Direct contact with the aerosol may cause cold burns to the eyes
Acute toxicity	:	Excessive inhalation of concentrated vapours may result in drowsiness, loss of consciousness and subsequent asphyxiation.
Chronic toxicity	:	Not determined

##### Specific effects:

Carcinogenic effects	:	None, as classified by OSHA and NIOSH
----------------------	---	---------------------------------------

#### 12. Ecological Information

##### Eco-toxicity:

Eco-toxicity in water	:	The product does not contain any substances that are classified as dangerous to the environment.
Biodegradability	:	Biodegradable. If used responsibly, this product is not expected to cause adverse effects to the environment.

#### 13. Disposal Considerations

Disposal consideration	:	<b>Do not</b> re-use 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:

	ADG	IMDG	IATA
UN Number	1950	1950	1950
UN Proper Shipping Name	Aerosols. Flammable	Aerosols. Flammable	Aerosols. Flammable
Transport Hazard Class	2.1	2.1	2.1
Transport Hazard Sub Class	None allocated	None allocated	None allocated
Packing Group	Not set	Not set	Not set
Hazchem Code	2YE	2YE	2YE
ADG Special Provisions code	63, 190, 277	63, 190, 277	63, 190, 277

#### 15. Regulatory Information

**EU Regulations:**

Hazard symbol(s) :



Classification : Warning

Hazard statements : H223 – Flammable aerosol  
H315 – Causes skin irritation  
H320 – Causes eye irritation  
H336 – May cause drowsiness and dizzinessPrecautionary statements : P102 – Keep out of reach of children  
P210 – Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P251 – Pressurised container: Do not pierce or burn, even after use  
P271 – Use in well-ventilated area

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 : 05-06-2020 Revision 2  
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.