


	<b>SPECIALISED MAINTENANCE PRODUCTS (PTY) LTD.</b>  <b>SAFETY DATA SHEET</b>	<b>TSD 040</b>
<b>SAFETY DATA SHEET</b>		Date issued: 13.05.2020
<b>1. Company Details &amp; Product Identification</b>		
Name :	Specialised Maintenance 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	
Chemical Name :	Not applicable	
Synonyms :	Not applicable	
Chemical abstract no. :	Not applicable	
<b>2. Hazard Identification</b>		
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.	

<b>3. Composition</b>			
Hazardous components:			
	%	EC Number	Classification
Aerosol propellant (CAS No.: 00106-97-8)	> 50	2034487	H220
Propan-2-ol (CAS No.: 67-63-0)	< 50		H225
<b>4. First Aid Measures</b>			
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.		
<b>5. Fire Fighting Measures</b>			
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		
<b>6. Accidental Release Measures</b>			
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.		
<b>7. Handling and Storage</b>			
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.		

8. Exposure Control / Personal Protection		
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.
9. Physical and Chemical Properties		
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)	:	0.79 kg/L
Solubility – water	:	88mg/l
Solubility – solvent	:	Not determined
10. Stability and Reactivity		
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			
<b>Local effects:</b>			
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		
<b>Specific effects:</b>			
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			
<b>International transport regulations:</b>			
	<b>ADG</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN Number</b>	1950	1950	1950
<b>UN Proper Shipping Name</b>	Aerosols. Flammable	Aerosols. Flammable	Aerosols. Flammable
<b>Transport Hazard Class</b>	2.1	2.1	2.1
<b>Transport Hazard Sub Class</b>	None allocated	None allocated	None allocated
<b>Packing Group</b>	Not set	Not set	Not set
<b>Hazchem Code</b>	2YE	2YE	2YE
<b>ADG Special Provisions code</b>	63, 190, 277	63, 190, 277	63, 190, 277

15. Regulatory Information	
<b>EU Regulations:</b>	
Hazard symbol(s) :	
Classification :	Warning
Hazard statements :	H223 – Flammable aerosol H315 – Causes skin irritation H320 – Causes eye irritation H336 – May cause drowsiness and dizziness
Precautionary 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 :	13-05-2020 Revision 1
Other Special considerations :	No additional remarks
<b>Disclaimer:</b>	
<p>SMP 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>	