

# MATERIAL SAFETY DATA SHEET

ISSUING DATE: January 2009

Classified as Non-Hazardous according to criteria of NOHSC

Section 1 PRODUCT & COMPANY IDENTIFICATION	
Product Name:	Bio-Degradable Sanitising Odour Control Bin Liners
Product Use:	Sanitising and odour masking of disposed sanitary products
Manufacturer/Distributor:	Hospeco Pty Ltd Unit 6 / 19 Daniel Street Wetherill Park, NSW 2164 Australia
Email :	<a href="mailto:ara@hospecoonline.com">ara@hospecoonline.com</a>
In An Emergency:	Tel : 02-9756-0055 OR Poisons Information Centre 13 11 26
Section 2 IDENTIFICATION	
Shipping Name :	None Allocated
Other Names :	None Allocated
UN Number :	None Allocated
DG Class :	None Allocated
Hazchem Code :	None Allocated
Poisons Schedule :	None Allocated
Section 3 PHYSICAL DATA	
Appearance :	Clear to opaque plastic bags with floral fragrance
Melting Point :	N/A
Boiling Point :	N/A
Vapour :	(20°C)
Pressure :	(38°C) (55°C)
Specific Gravity :	(15°C) N/A
Flash Point :	> 75°C PMCC
Flamm. Limit : LEL	N/A
Flamm. Limit : UEL	N/A
Solubility in Water :	(20°C) : Insoluble
Section 4 OTHER PROPERTIES	
Auto ignition Temp.	> 200°C
Evaporation Rate :	(n-Bu Acetate=1)
Vapour Density :	(1013 kPa/air=1)
Coefficient Water / Oil Distr :	(Liq.): N/A
Viscosity :	(25°C) : N/A
Stability :	Stable Conditions to Avoid Instability : Not Applicable
Hazardous :	No
Polymerisation :	Conditions to Avoid Polymerisation : Not Applicable
Formula :	Commercial in Confidence
Molecular Weight :	N/A
Other Information :	Is Material Hygroscopic : No

Section 5 <b>INGREDIENTS</b>		
Name	CAS	Proportion
Fragrance	(-)	1-9%
Polyethylene	(9002-88-4)	> 60%
Bio-Degradable Additive	(-)	10-25%
Antimicrobial Agent	(3380-34-5)	1-9%
Non-hazardous ingredients	(-)	To 100%
Information on Composition :	Commercial in Confidence	
Section 6 <b>HEALTH HAZARD INFORMATION – Health Effects</b>		
Acute – Swallowed :	Swallowing can result in irritation of the gastrointestinal tract.	
Acute – Eye :	May be an eye irritant.	
Acute – Skin :	Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Should be handled with latex or rubber gloves.	
Acute – Inhaled :	Not expected to cause respiratory irritation. Prolonged and continuous exposure to vapors could cause nausea.	
Other :	Nil	
Section 7 <b>FIRST AID</b>		
Swallowed :	Rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek medical advice.	
Eye :	Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.	
Skin :	Wash contaminated skin with plenty of water and soap. Remove contaminated clothing and wash before re-use. If irritation occurs, seek medical advice.	
Inhaled :	Remove victim from exposure to fresh air – avoid becoming a casualty. Seek medical advice if effects persist.	
Section 8 <b>PRECAUTIONS FOR USE</b>		
Exposure Limits :	No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia)	
Eng. Controls :	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.	
Section 9 <b>PERSONAL PROTECTION</b>		
Respirator (Type AS1716) :	Where concentrations in air may exceed the limits given in this section, it is recommended to use a hal face filter mask to protect from overexposure by inhalation. Suitable filter material depends on the amount and type of chemicals being handled in the workplace, but filter material of type ‘A’ or similar may be considered for use.	
Eye Protection :	See general advice.	
Glove Type :	When handling this product, it is recommended to wear chemical resistant gloves. The choice of suitable protective gloves depends on work conditions and what chemicals are handled, but we have positive experience with gloves made of Nitrile. Gloves should be replaced immediately if sign of degradation is observed.	
Clothing :	See general advice.	

Protective Equipment :	The use and choice of Personal Protection equipment is related to the hazard of the product, the workplace, and the way the product is handled. In general, we recommend as a minimum safety precaution that safety glasses with side-shields and work clothes protecting arms, legs and body be used. In addition, any person visiting an area where this product is handled or processed should at least wear safety glasses with side shields.
<b>Section 10 STORAGE AND TRANSPORT</b>	
Storage Precautions :	Store away from strong oxidizing agents, acids and alkalis. Rotate stock. Use old stock first.
Shelf Life :	Product.
Transport :	Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road, Rail and Air.
Proper Shipping Name :	None Allocated.
<b>Section 11 SPILLS AND DISPOSAL</b>	
Spills & Leaks :	Not likely for plastic products.
Disposal :	Refer to State Land Waste Management Authority.
<b>Section 12 FIRE / EXPLOSION HAZARD</b>	
Hazardous Combustion Products:	No unusual
Hazardous Decomposition or by Products:	None
Fire Fighting Procedures :	Use water spray to cool fire exposed surfaces and to protect personnel. Shut off “fuel” to fire. Use foam, dry chemical, or water spray to extinguish fire.
Fire Fighting Precautions :	N/A
Hazchem Code :	None Allocated
<b>Section 13 OTHER INFORMATION</b>	
Environmental Protection :	No environmental impact data found for this material, however based on data supplied for the neat anti-microbial used in this product. BOD 5:0 mg02/g COD : 1116 mg02/g TOC : 50% Fish toxicity : Species : ZEBRA FISH LC0: Not Available LC50: 0.5 mg/l (96hrs) DAPHNIA TOX : EC50: 0.4 mg/l, 48 <sup>th</sup> , OECD 201 ALGAE TOX : EC50: 0.2 mg/l, 72h, OECD 201 Toxicity to bacteria : 20mg/l (3 hrs) OECD 209 OECD Biological degradation : < 10%, OXYGEN CONSUMPTION, OECD 301C, 302C Organo-halogen content : 36.7% CHLORO Heavy Metal content : NIL Phosphorous content : NIL

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions.