



MATERIAL SAFETY DATA SHEET

NFPA 704 HAZARD RATING		
HEALTH	1	Irritant
FLAMIBILITY	0	
REACTIVITY	0	

SECTION 1 — PRODUCT INFORMATION

Product Identifier Enzyme Presoaked Sponge - APPLIKIT, D-ZYME SPONGE		WHMIS Classification (optional) D2 – Irritant	
Product Use Medical instrument cleaning at room temperatures			
Manufacturer's Name MEDTRICA SOLUTIONS LTD		Supplier's Name	
Street Address 5044 WHITWORTH CRESCENT SOUTH		Street Address	
City DELTA	Province BC	City	Province
Postal Code V4K 1A7	Emergency Telephone 1 877 703 1079 (MEDTRICA) 1 800 424 9300 (CHEMTREC)	Postal Code	Emergency Telephone

SECTION 2 — HAZARDOUS INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD of Ingredient ⁵⁰ (specify species and route)	LC of Ingredient ⁵⁰ (specify species)
PURIFIED WATER	99			
DMDM HYDATOIN	0.6	6440-58-0	Oral (rat) 3300/kg	Inhalation (rat 4hr) 5mg/l
Proprietary Enzyme Formula with detergent surfactants	0.2			

SECTION 3 — PHYSICAL DATA

Physical State LIQUID	Odour and Appearance CLEAR		Odour Threshold (ppm) NONE
Specific Gravity 1	Vapor Density (air = 1) N/A	Vapor Pressure (mmHg) N/A	Evaporation Rate SAME AS WATER
Boiling Point (°C) 100	Freezing Point (°C) 0	PH 7 – 8.5	Coefficient of Water/Oil Distribution N/A

SECTION 4 — FIRE AND EXPLOSION DATA

Flammability <input type="checkbox"/> <input checked="" type="checkbox"/> No	If yes, under which conditions?		
Means of Extinction Any means to subdue surrounding fire. Always wear NIOSH – approved self-contained breathing apparatus when fighting chemical fires.			
Flashpoint (°C) and Method - N/A	Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A	
Auto ignition Temperature (°C) -N/A	Explosion Data — Sensitivity to Impact-N/A	Explosion Data — Sensitivity to Static Discharge - N/A	
Hazardous Combustion Products - NONE			

SECTION 5 — REACTIVITY DATA

Chemical Stability <input type="checkbox"/> <input checked="" type="checkbox"/> Yes	If no, under which conditions?
Incompatibility with Other Substances	Do not mix with other chemicals, may be used in conjunction with other enzyme detergents
Reactivity, and under what conditions? NONE	
Hazardous Decomposition Products: NONE	

SECTION 6 — TOXICOLOGICAL PROPERTIES

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> X Inhalation <input checked="" type="checkbox"/> X Ingestion	
Effects of Acute Exposure to Product Mild irritant to skin and eyes if applied directly. May cause gastrointestinal discomfort if swallowed	
Effects of Chronic Exposure to Product May be a mild irritant to skin and eyes if applied directly	
Exposure Limits (value, source, date) N/A	Irritancy (if yes, explain) <input checked="" type="checkbox"/> X Yes <input type="checkbox"/> No Mild irritant to skin and eyes if applied directly
Sensitization (if yes, explain) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No	Carcinogenicity (if yes, explain) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No
Reproductive Toxicity (if yes, explain) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No	Teratogenicity (if yes, explain) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No
Mutagenicity (if yes, explain) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No	Synergistic Products (if yes, explain) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No

SECTION 7 — PREVENTIVE MEASURES

Personal Protective Equipment <input checked="" type="checkbox"/> X Gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other	
Employ regular preventative measures used in medical settings, such as gloves, masks, or safety eyewear.	
Engineering Controls (specify, such as ventilation, enclosed process) Store in original packaging, at or below room temperature	
Leak and Spill Procedure Wetted surface may be slippery, use caution. Employ regular tools such as mops and absorbent towels, to wipe spills or leaks. Rinse with water if necessary.	
Waste Disposal Use established methods, for your facility, no special care required, dispose of in accordance with applicable laws.	
Handling Procedures and Equipment No special requirements. Employ regular preventative measures used in medical settings, such as gloves, masks, or safety eyewear.	
Storage Requirements Store between 10 – 24 deg. C to maintain enzyme activity. Avoid high heat. If frozen allow for thaw at room temperature.	
Special Shipping Information Non-Hazardous, avoid extreme temperatures.	PIN

SECTION 8 — FIRST AID MEASURES

Inhalation Remove individual to fresh air. If not breathing employ artificial respiration, and get medical attention.
Ingestion Do not induce vomiting. If conscious, drink large quantity of water. If unconscious, do not administer anything by mouth - seek medical attention immediately.
Skin Contact Rinse with clean water for at least 15 minutes. Seek medical attention if irritation persists.
Eye Contact Flush eyes immediately with clean water for at least 15 minutes. Seek medical attention if irritation persists.
REGULATORY INFORMATION EEC CLASIFICACION - Irritant – Hazard symbol Xi Risk Phrases R38 – Irritating to skin. R41 Risk to serious damage to eyes. R42 May cause sensitization by inhalation SAFETY PHRASES S24 avoid contact with skin. S26 In case of contact with eyes rinse with plenty of water and seek medical advice. S36/37/39 wear suitable protective clothing, gloves and eye/face protection. S2 keep out of reach of children.

SECTION 9 — PREPARATION INFORMATION

Prepared by (Group, Department, etc.) Operations Management	Telephone Number 1 877 703 1079	Preparation Date Jan 20/2014
---	---	--