

Part II E-Z CLEANSER(M-23E)

1 Identification of the substance / preparation and of the company	
Information of the substance or preparation	
Trade name	E-Z CLEANSER (M-23E)
Information about the manufacturer / supplier	
Manufacturer	SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO., LTD Mindray Building, Keji 12 th Road South, Hi-tech Industrial Park, Nanshan, Shenzhen, P.R. China, 508057 Tel:+86 755 26582888 / Fax:+86 755 26582680
Enquiry point	Research & Development Department, Tel:+86 755 26582888 / Fax:+86 755 26582680 Reagent Production, Tel.: +86 75586159296 / Fax:+86 755 86159297
Distributor	n.a.
Enquiry point	n.a.

2 Composition / information on ingredients											
Synonyms	Detergent, Cleanser										
M-23E contains	<table> <tr> <td>Proteolytic Enzyme</td> <td>3.0-10g/L</td> </tr> <tr> <td>Surfactant</td> <td>0.3-1.5g/L</td> </tr> <tr> <td>Sodium Chloride</td> <td>3.0-5.0g/L</td> </tr> <tr> <td>Anti-fungal and Anti-bacterial Agents</td> <td>0.5-2.5g/L</td> </tr> <tr> <td>Buffering Agents</td> <td>1.0-4.0g/L</td> </tr> </table>	Proteolytic Enzyme	3.0-10g/L	Surfactant	0.3-1.5g/L	Sodium Chloride	3.0-5.0g/L	Anti-fungal and Anti-bacterial Agents	0.5-2.5g/L	Buffering Agents	1.0-4.0g/L
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Buffering Agents	1.0-4.0g/L										
Hazardous ingredients	n.a.										

3 Possible hazards
n.a.

4 First-aid measures	
After skin contact	Rinse contacted area with large amounts of water. Dab with PEG 400. Remove any contaminated clothes.
After eye contact	Flush with copious amounts of water keeping eyelid open (>10 min.). Contact a physician immediately.
After inhalation	Remove to fresh air. If symptoms persist contact a physician.
After ingestion	Drink lemon juice, vinegar, or eggs in milk. Contact a physician immediately

5 Fire-fighting measures	
Suitable extinguishing methods	In accordance with those identified by the surroundings.
Special exposure hazards	None
Additional information	Not inflammable

6 Accidental release measures	
Personal precautions	Wear gloves and laboratory suit. Do not get in eyes, on skin, on clothing. Avoid breathing vapour.
environmental precautions	keeping away from drains, surface- and ground-water and soil.
Methods for cleaning up	Use of absorbent material which should be disposed of in a dustbin. Clean with plenty of water.

7 Handling and storage	
Handling	n.a.
Storage	Keep at 2-30°C, tightly closed in a dark and cool place.

8 Exposure controls / personal protection	
Workplace-related threshold limits	n.a.
Personal protection	
Respiratory protection	Necessary, if vapours / aerosols are released.
Hand protection	Standard laboratory latex or rubber gloves.
Eye protection	Standard laboratory safety glasses recommended.

9 Physico-chemical properties	
Form	liquid
Colour	yellowish-green
Odour	Slightly pungent
pH value	(20 °C) M-23E 6.50-7.50
Melting point	n.a.
Boiling point	100 °C
Flash point	n.a.

Ignition temperature	n.a.
Explosion limits	Lower: n.a. Upper: n.a.
Oxidizing properties	n.a.
Vapour pressure	n.a.
Density	(20 °C) 1.06 – 1.25 g/ml
Solubility in water	(20 °C) soluble
Fat solubility	n.a.

10 Stability and reactivity	
Conditions to avoid	Frozen, High temperature (above 30°C)
Materials to avoid	Acids, ammonia, reducing agents
Hazardous decomposition products	n.a.

11 Toxicological information	
Acute toxicity	No experimental data for these preparations available.
Sub-acute to chronic toxicity	No experimental data for these preparations available.
Additional toxicological information	
Expected properties caused by components of the preparations	
After inhalation	Irritation
After skin contact	Irritation
After eye contact	Irritation
After ingestion	Irritation
General remarks	More hazardous effects can not be excluded.

12 Ecological information	
Information about elimination (persistence and degradability)	No information available
Behaviour in environmental compartments	No information available

Ecotoxicological effects:	No information available
Further information relating to ecology	No information available

13 Disposal considerations	
Product	May be dilute with large amounts of water and washed into the sewer system.
Packing	Disposal according to the authorities' recommendation.

14 Transport information	
Transport / further information	This preparation does not represent a dangerous item with regard to any mode of transport.

15 Regulations	
Labeling according to the EU	Preparation not classified.

16 Other information	
Date of last revision: 12-Jun-06 Replaces edition of 10-Aug-04	
Information of this Safety Data Sheet represents the today's state of our knowledge. The purpose is to characterize the product regarding safety precautions having to be kept. This document will not be a certification of features and will not be the basis of a legal contract.	