

Part IV PROBE CLEANSER (M-23P)

1 Identification of the substance / preparation and of the company	
Information of the substance or preparation	
Trade name	PROBE CLEANSER (M-23P)
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 or bleach
PROBE CLEANSER (M-30P) contains	Surfactant <2.0g/L Sodium hypochlorous <100 g/L Sodium hydroxide <100 g/L
Hazardous ingredients	
Name	Sodium Hypochlorite
Content	<10.0 % (active Cl ₂)
R-phrases	31-34 Contact with acids liberates toxic gas. Causes burns.

3 Possible hazards	
Contact with acids liberates toxic gas. Causes burns.	

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, avoid vomiting. Contact

	a physician immediately.
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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	Store 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) 10.0-13.8
Melting point	n.a.
Boiling point	100 °C

Flash point	n.a.
Ignition temperature	n.a.
Explosion limits	Lower: n.a. Upper: n.a.
Density	(20 °C) 1.05 – 1.25 g/ml
Solubility in water	(20 °C) soluble
Fat solubility	n.a.

10 Stability and reactivity	
Conditions to avoid	None determined
Materials to avoid	Acids, ammonia, reducing agents
Hazardous decomposition products	Chlorine

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, cough, difficulty in breathing
After skin contact	Irritation
After eye contact	Irritation, danger of going blind
After ingestion	Irritation of mucous membranes, danger of perforation
General remarks	More hazardous effects can not be excluded. Handle the product with care usual for chemicals.

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

effects:	
Further information relating to ecology	Do not discard to inshore waters, sink or ground.

13 Disposal considerations	
Product	In the EU there are no uniform regulations regarding disposal of chemicals and chemical waste. Items, which should be disposed of, are generally treated as special waste. Its disposal is regulated by laws or ordinances in EU countries. Please contact the responsible office (authority or waste management company) to get detailed information on disposal.
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	
Labelling according to the EU Directives	Preparation not classified.
Letter code	Xi Irritant
R-phrases	31-36/38 Contact with acids liberates toxic gas. Irritating to eyes and skin.
S-phrases	26-28-36/37/38 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothes, gloves, and eye protection.

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.	