

Part III LYSE (M-23CFL)

1 Identification of the substance / preparation and of the company	
Information of the substance or preparation	
Trade name	LYSE (M-23CFL)
Information about the manufacturer / supplier	
Manufacturer	SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO., LTD Mindray Building, Keji 12th 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	Lysing reagent to be used performing hemoglobin analysis with MINDRAY hematology analyzers.
M-23CFL contains	Quaternary Ammonium Salts <50g/L Nonionic Surfactant <15g/L Ferrocyanide <0.5g/L Isopropanol 0.1-1.5ml/L Ethanol <1.5ml/L
Hazardous ingredients	n.a.

3 Possible hazards	
Ingestion	Toxic, poisonous
Inhalation	Irritant
Skin Contact	Irritant
Skin Absorption	Unknown
Eye Contact	Irritant

4 First-aid measures	
After skin contact	Rinse contacted area with water. Remove any contaminated clothes.
After eye contact	Rinse immediately with plenty of water keeping eyelid open. Contact

	a physician immediately.
After ingestion	Drink plenty of water, induce vomiting, and seek medical advice immediately.
After inhalation	Remove to fresh air.

5 Fire-fighting measures	
Suitable extinguishing methods	In accordance with those identified by the surroundings.
Special exposure hazards	Unknown
Additional information	Not inflammable

6 Accidental release measures	
Personal precautions	Wear gloves and laboratory coat. Do not get in eyes, on skin, on clothing.
Environmental precautions	keeping away from drains, surface- and ground-water and soil
Methods for cleaning up	Use of absorbent material (e.g. silica) 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	Not necessary
Hand protection	Standard laboratory latex or rubber gloves recommended.
Eye protection	Standard laboratory safety glasses recommended.

9 Physico-chemical properties	
Form	liquid
Colour	colourless

Odour	slight
pH value	n.a.
Melting point	n.a.
Boiling point	n.a.
Flash point	n.a.
Ignition temperature	n.a.
Explosion limits	lower: n.a. upper: n.a.
Density	(20 °C) 1.03~1.25
Solubility in water	(20 °C) soluble
Fat solubility	n.a.

10 Stability and reactivity	
Conditions to avoid	None determined
Materials to avoid	None identified
Hazardous decomposition products	Not determined

11 Toxicological information	
Acute toxicity	No experimental data for these preparations available.
Calculated from the concentration of the ingredient	LD50 (oral, mouse)
M-23CFL	3600mg/kg for Isopropanol
Sub-acute to chronic toxicity	No experimental data for these preparations available.
Additional toxicological information	
Expected properties caused by components of the preparations	
After skin contact	Irritation
After eye contact	Irritation
After ingestion	Wash mouth with plenty of water, seek medical attention
General remarks	More hazardous effects can not be excluded. Handle the product with care usual for chemicals.

12 Ecological information	
Information about	No information available

elimination (persistence and degradability)	
Behaviour in environmental compartments	No information available
Ecotoxicological effects:	No information available
Further information relating to ecology	n.a. 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.

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 characterise 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.	