

The followed Material Safety Data Sheet is based on the analysis of the reagent component.

Part I M-50D Diluent

1 Identification of the substance / preparation and of the company	
Information of the substance or preparation	
Trade name	M-50D DILUENT
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	Diluent to be used with Mindray hematology analyzer BC-5500 /BC-5200.
M-50D DILEUNT contains	Sodium Sulphate Anhydrous 7.5-11.5g/L Sodium Chloride 3.5-5.5g/L Buffering Agents 1.0-3.0g/L Anti-fungal and Anti-bacterial Agents 0.8-2.5g/L
Hazardous ingredients	n.a.

3 Possible hazards	
n.a.	

4 First-aid measures	
After skin contact	Rinse contacted area with water. Remove any contaminated clothes.
After eye contact	Flush with plenty of water.
After ingestion	Drink more water to induce vomiting. After that, contact a physician.

5 Fire-fighting measures	
Suitable extinguishing methods	In accordance with those identified by the surroundings.
Special	Unknown

exposure hazards	
Additional information	Not inflammable

6 Accidental release measures	
Personal precautions	Wear gloves and laboratory coat. Prevent skin and eye contacting.
environmental precautions	keep away from drains, surface- and ground-water and soil
Methods for cleaning up	If any absorbent material are used, dispose them into 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	Odourless
pH-value	(20 °C) 6.85-7.25
Melting point	0 °C
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) 1.003 - 1.023 g/ml
Solubility in	(20 °C) soluble

water	
Fat solubility	n.a.

10 Stability and reactivity	
Conditions to avoid	Frozen, high temperature (above 30°C) , light
Materials to avoid	None identified
Hazardous decomposition products	Not determined

11 Toxicological information	
Acute toxicity	No experimental data for this preparation available.
Sub-acute to chronic toxicity	No experimental data for this preparation available.
Additional toxicological information	
Expected properties caused by components of the preparation	
After skin contact	Irritation
After eye contact	Irritation
After ingestion	Irritation
General remarks	If used properly the preparation will not cause hazardous effects.

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	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

	<p>laws or ordinances in EU countries.</p> <p>Please contact the responsible office (authority or waste management company) to get detailed information on disposal.</p>
--	--

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.	