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Experts on International Rules&Regulations for Training, Packing, Storage&Transport of Hazardous Goods

Dangerous Goods Management(China) Ltd.

安全技术说明书

Safety Data Sheet

产品名称: 探头清洁液
Product name: PROBE CLEANSER

委托单位: 深圳迈瑞生物医疗电子股份有限公司
Applicant: SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO.,LTD.

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安全技术说明书 Safety Data Sheet

第一部分 产品及企业标识

Section 1 product and company identification

1.1 产品名称(中文): 探头清洁液

Product name: PROBE CLEANSER

1.2 安全技术说明书申请者详情:

SDS Applicant details:

生产厂商: Manufacturer:	深圳迈瑞生物医疗电子股份有限公司 SHENZHEN MINDRAY BIO-MEDICAL ELCTRONICS CO.,LTD.
地 址: Address:	广东省深圳市南山区高新技术产业园区科技南十二路迈瑞大厦 Mindray Building, Keji 12th Road South, High-tech Industrial Park, Nanshan, Shenzhen 518057,P.R.China
邮 编: Post code:	518057
电子地址邮件: E-mail:	service@mindray.com
传真号码: Fax:	+86 755 26582680
企业应急电话: Emergency Phone:	+86 755 81888998
主要用途: Main purpose:	适用于清洁迈瑞血液分析仪 Applies to clean mindray hematology analyzer

第二部分 危险性概述

Section 2 hazards summarizing

2.1 紧急情况概述: 无色至浅绿色液体, 具有腐蚀性; 接触人的皮肤、眼睛等会对表皮细胞组织产生破坏作用而造成灼伤, 灼伤后常引起炎症; 过量接触需采取特殊急救措施和进行医疗随访。

Emergency overview: Colorless to light green liquid, corrosive; Contact with human skin, eyes and other epidermal cells will have a destructive effect on the tissue and cause burns, inflammation;

2.2 GHS 危险性类别

- 皮肤腐蚀/刺激 (类别 1)
- 严重眼睛损伤/眼睛刺激性 (类别 1)
- 急性水生毒性 (类别 1)
- 慢性水生毒性 (类别 1)
- 金属腐蚀物 (类别 1)

GHS risk categories

- Skin erosion/ irritation (Category 1)
- Severe eye injury/ Eye irritation (Category 1)
- Acute aquatic toxicity (Category 1)
- Chronic aquatic toxicity (Category 1)
- Metal corrosion (Category 1)

2.3 标签要素

Label elements

象形图

Figurative graph



信号词 危险

Signal word Hazard

危险说明

- H290 可对金属造成腐蚀
- H314 造成严重皮肤灼伤和眼损伤
- H318 造成严重眼损伤
- H400 对水生生物毒性极大
- H410 对水生生物毒性极大，且具有长期、持续影响

Risk description

- H290 Cause corrosion of metal
- H314 Cause severe skin burns and eye damage
- H318 Severe eye injury
- H400 Great toxicity to aquatic organisms
- H410 Great toxicity to aquatic organisms, and has a long-term, sustained impact

防范说明

预防措施

- P234 只能在原容器中存放
P264 作业后彻底清洗皮肤
P273 避免释放到环境中
P280 戴防护手套/戴防护眼罩/戴防护面具

Prevention instructions

- P234 only be stored in the original container
P264 After use, thoroughly clean the skin
P273 Avoid release to the environment
P280 Wear protective gloves / Wear protective goggles / Wear protective mask

事故响应

- P302+P352 如皮肤沾染：用水充分清洗
P305+P351+P338+P310 如溅入眼睛，用水小心冲洗几分钟；如戴隐形眼镜且便于取出，取出隐形眼镜，继续冲洗。立即呼叫解毒中心或就医；

- P332+P313 如发生皮肤刺激：求医/就诊

- P362+P364 脱掉所有沾染的衣服，清洗后方可重新使用

Accident response

- P302+P352 Skin contamination: water flushing enough
P305+P351+P338+P310 splashing into the eyes, rinse with water carefully for a few minutes.wearing contact lenses and easy to remove, remove contact lenses, and continue to rinse

- P332+P313 The occurrence of skin irritation : seek medical advice

- P362+P364 Remove all contaminated clothing, clean the rear can be reused

2.4 其他危害：无资料

Other hazards: Non-availble

第三部分 成分/组成信息

Section 3 composition/information on ingredients

纯品 混合物

Pure chemical Mixture

化学组成:

Chemical ingredients:

成分 Chemical ingredient	分子式 Molecular formula	含量(约) % Content (about)	CAS 号
表面活性剂 surfactant	/	0.2	/
次氯酸钠 chloros	NaClO	12	7681-52-9
氢氧化钠 Sodium hydroxide	NaOH	5	1310-73-2
水 water	H2O	82.8	7732-18-5

第四部分 急救措施

Section 4 first-aid measures

4.1 急救措施描述

Description of necessary first-aid measures

皮肤接触：立即脱掉被污染的衣服和鞋；用肥皂和大量清水冲洗，请教医生。

After skin contact: remove contaminated clothing and shoes immediately, Rinse with soap and plenty of water.

Immediate medical attention .

眼睛接触：用大量清水彻底冲洗至少 15 分钟，立即就医。

After eye contact: rinse thoroughly with plenty of water for at least 15 minutes. Immediate medical attention.

吸入：迅速脱离现场至空气新鲜处。如呼吸停止,进行人工呼吸。请教医生。

After inhalation: movement of the exposed individual from the area to fresh air. If not breathing, give artificial respiration. Immediate medical attention.

食入：禁止催吐。切勿给失去知觉者通过口喂食任何东西。用水漱口。请教医生。

After ingestion: Prohibition of emetic. Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediate medical attention.

4.2 最重要的急性和延迟症状/效应：对粘膜组织和上呼吸道、眼睛和皮肤破坏巨大。灼伤感、发炎、咽喉肿痛、咳嗽、呼吸短促、头痛、恶心。

Most important symptoms/effects, acute and delayed: Destruction of the mucous membranes and upper airways, eyes and skin is huge . Burns, inflammation, sore throat, cough, shortness of breath, headache, nausea.

4.3 必要时注明立即就医及所需的特殊治疗：无数据资料

Indication of immediate medical attention and special treatment needed, if necessary: No data

第五部分 消防措施

Section 5 fire-fighting measures

5.1 灭火介质

Suitable extinguishing media

灭火方法及灭火剂：可使用水雾、干粉、二氧化碳、耐醇泡沫灭火；

Fire extinguishing method and fire extinguishing agent: Use water spray, dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 源于此物质或混合物的特别的危害:无数据资料

Specific hazards arising from the chemical: No data

5.3 给消防员的建议：如有必要，佩戴自给式呼吸器进行消防作业

Special protective actions for fire-fighters: If necessary, wear self-contained breathing apparatus for fire protection

第六部分 泄露应急处理

Section 6 accidental release measures

6.1 人身防护、保护设备和应急程序：使用个人防护设备。避免吸入蒸气、气雾或气体。保证充分通风。将人员疏散到安全区域。

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid inhalation of vapors, aerosols or gases. Ensure adequate ventilation. Evacuate personnel to safe area

6.2 环境保护措施：不要让产品进入下水道或水道。

Environmental precautions: Do not let product enter drains or waterways.

6.3 控制和清洁方法及材料：用惰性吸附材料吸收并当作危险废物处理。放入合适的封闭的容器中待处理。

Methods and materials for containment and cleaning up: absorption and treatment of hazardous waste with inert absorbent material. Place in proper closed container to be processed

6.4 参考其他部分：丢弃处理请参阅第 13 节。

Refer to other parts: Please refer to the thirteenth section for discarding processing

第七部分 操作处置与储存

Section 7 handling and storage

7.1 安全操作的注意事项：避免接触皮肤和眼睛。避免吸入蒸汽和雾滴。操作后，用肥皂和水洗手。

Precautions for safe handling: avoid contact with skin and eyes, avoid breathing vapor and droplet. Wash your hands with soap after the operation.

7.2 安全存放的条件, 包括一切不相容性: 贮存在阴凉处。使容器保持密闭, 储存在干燥通风处。打开的容器必须仔细重新封口并保持竖放位置以防止泄漏。

Conditions for safe storage, including any incompatibilities: Stored in a cool place. Keep the container tightly closed, Store in dry and ventilated place. The open container must be carefully re sealed and placed in a vertical position to prevent leakage.

第八部分 接触控制/个体防护

Section 8 exposure controls/personal protection

8.1 控制参数

Control parameters

职业接触限值

Occupational exposure limit

8.2 适当的工程控制: 按照良好的工业卫生和安全规范进行操作。休息前及工作结束时洗手。

Appropriate engineering controls: Operate according to good industrial hygiene and safety standards Wash your hands before and after the rest of the work.

8.3 个人防护措施, 如人身保护设(装)备(PPE):

Individual protection measures, such as personal protective equipment (PPE):

眼面防护: 紧密装配的防护眼镜请使用经官方标准如 NIOSH (美国) 或 EN 166 (欧盟) 检测与批准的设备防护眼部。

Eye protection: Close fitting of protective glasses please use the official standards such as NIOSH (USA) or EN 166 (EU). Inspection and approval of equipment for eye protection.

皮肤保护: 戴手套取。手套使用前必须接受检查是否完好。请使用合适的方法脱除手套 (不要接触手套外部表面), 避免任何皮肤部位接触此产品。

Skin sparing: Use gloves. Gloves must be inspected before use. Please use the appropriate method to remove gloves (do not contact the external surface of gloves), to avoid contact with any skin parts of the product.

身体防护: 全套防化学试剂工作服, 防护设备的类型根据特定工作场所中的危险物的浓度和数量来选择。

Body protection: full set of anti chemical reagent working clothes. Types of protective equipment are selected according to the concentration and quantity of hazardous substances in a particular workplace.

第九部分 理化特性

Section 9 physical and chemical properties

外观与性状：无色至浅绿色液体 Appearance: colorless to light green liquid	
气味：略有气味 Odor: slight odor	pH 值：约 13 pH: approximately 13
熔点/凝固点（℃）：无数据资料 Melting point/freezing point: no data	相对密度（水以 1 计）：无 Relative density(Water is 1): N/A
易燃性：无数据资料 Flammability: no data	溶解性：无数据资料 Solubility: no data

第十部分 稳定性和反应活性

Section 10 stability and reactivity

10.1 反应性：无数据资料

Stability: no data

10.2 化学稳定性：无数据资料

Chemical stability: no data

10.3 危险反应：无数据资料

Possibility of hazardous reactions: no data

10.4 应避免的条件：无数据资料

Conditions to avoid: no data

10.5 不相容的物质：酸

Incompatible materials: acid

10.6 危险分解产物：无数据资料

Hazardous decomposition products: no data

第十一部分 毒理学资料

Section 11 toxicological information

11.1 毒理学影响的信息

Information on toxicological effects

急性毒性：无数据资料

Acute toxicity: no data

皮肤刺激或腐蚀: 轻微刺激

Skin corrosion/irritation: mild irritation

眼睛刺激或腐蚀: 轻微刺激

Serious eye damage/eye irritation: mild irritation

呼吸道或皮肤过敏: 轻微刺激

Respiratory or skin sensitization: mild irritation

生殖细胞突变性: 无数据资料

Germ cell mutagenicity: no data

致癌性: 此产品中并没有大于或等于 0.1%含量的组分被 IARC 鉴别为可能的或者肯定的人类致癌物。

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

生殖毒性: 无数据资料

Reproductive toxicity: no data

特定目标器官毒性——单次接触: 无数据资料

STOT-single exposure: no data

特定目标器官毒性——重复接触: 无数据资料

STOT-repeated exposure: no data

潜在的健康影响

Potential health effects

吸入 吸入可能有害。引起呼吸道刺激。

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

摄入 吞咽是有害的。

Ingestion May be harmful if swallowed.

皮肤 如果通过皮肤吸收可能有害。可能引起皮肤刺激。

Skin May be harmful if absorbed through skin. May cause skin irritation.

眼睛 可能引起眼睛刺激。

Eyes May cause eye irritation.

第十二部分 生态学资料

Section 12 ecological information

12.1 生态毒性: 无数据资料

Ecological toxicity: no data

12.2 持久性和降解性: 无数据资料

Biodegradability: no data

12.3 生物积累潜力: 无数据资料

Bioaccumulative potential: no data

12.4 非生物降解性: 无数据资料

Non-biodegradability: no data

12.5 土壤中的迁移性: 无数据资料

Mobility in soil: no data

12.6 其他有害效应: 无数据资料

Other adverse effects: no data

第十三部分 废弃处置

Section 13 disposal

13.1 废弃处置方法

Disposal methods

产品

将剩余的和不可回收的溶液交给有许可证的公司处理

Product

The remaining and non recyclable solutions are given to the company with a license

受污染的容器和包装

按未用产品处置

Contaminated containers and packaging

According to the disposal of unused products

第十四部分 运输信息

Section 14 transport information

14.1 联合国危险货物编号

UN Number

欧洲陆运危规: UN3266

ADR/RID: UN3266

国际海运危规: UN3266

IMDG: UN3266

国际空运危规: UN3266

IATA: UN3266

14.2 联合国 (UN) 规定的名称: 无机碱性腐蚀性液体, n.o.s(次氯酸钠/氢氧化钠溶液)

UN proper shipping name: corrosive liquid, basic, inorganic, n.o.s (Hypochlorite/sodium hydroxide solution)

14.3 运输危险类别

Transport hazard class(es)

欧洲陆运危规: 8 类	ADR/RID: Class 8
国际海运危规: 8 类	IMDG: Class 8
国际空运危规: 8 类	IATA: Class 8

14.4 运输包装等级

Packing group, if applicable

欧洲陆运危规: II	ADR/RID: II
国际海运危规: II	IMDG: II
国际空运危规: II	IATA: II

14.5 环境危险	国际海运危规(海洋污染物): 是	IMDG(Marine pollutants): YES
Environmental hazards	国际空运危规: 否	IATA: NO

14.6 用户的特别防护措施: 无数据资料

Special precautions for user: no data

第十五部分 法规信息

Section 15 regulatory information

15.1 法规信息: 《联合国关于危险货物运输的建议书》-规章范本(19th 版)、IATA 《危险品规则》、《国际海运危险货物规则》、《美国危害物质规则》

Regulatory information: Recommendations on the transport of dangerous goods-model regulations, IATA dangerous goods regulations, International Maritime Dangerous Goods Code, U.S. Hazardous Material Regulations

第十六部分 其他信息

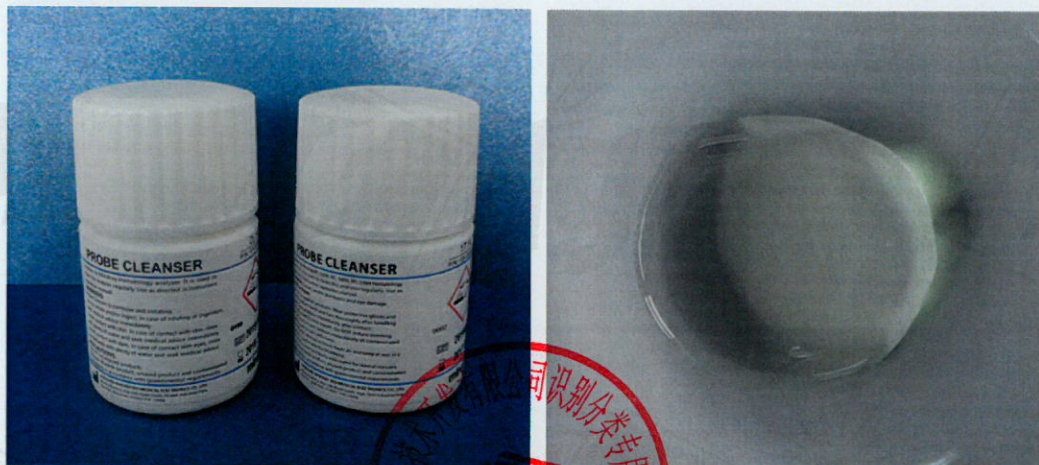
Section 16 other information

16.1 参考文献: 中华人民共和国国家标准(GB/T 16483-2008) 化学品安全技术说明书内容和项目顺序、中华人民共和国国家标准(GB/T 17519-2013) 化学品安全技术说明书编写指南

Reference: National standard of People's Republic of China. (GB/T 16483-2008) Safety data sheet for chemical products-Content and order of sections, National standard of People's Republic of China. (GB/T 16483-2008) Guidance on the compilation of safety data sheet for chemical products

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样品图片

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