化学品安全技术说明 Material Safety Data Sheet

禽流感病毒核酸(RNA)检测试剂盒(AIGS 实时荧光 RT-PCR 法)

Avian Influenza Virus Nucleic Acid（RNA）Detection Kit (AIGS POCT real-time RT-PCR method)

编制日期：2026 年 11 月 03 日 Date of establishment：Nov.3rh,2026

1. 化学品及企业标识 Chemicals and enterprise identification

1.1. 产品标识 Product identification

1.1.1. 产品名称：禽流感病毒核酸(RNA)检测试剂盒(AIGS 实时荧光 RT-PCR 法)Avian Influenza Virus Nucleic Acid（RNA）Detection Kit (AIGS POCT real-time RT-PCR method)

1.2. 安全技术说明书提供者的详情 Details of the Provider of Safety Technical Instructions

1.2.1. 制造商名称：Name of manufacturer

杭州遂曾生物技术有限公司

浙江省杭州市余杭区中泰街道仙桥路 16 号 2 幢 1 层 101 室、2 幢 2 层 201 室、2 幢 3 层 302 室

Hangzhou Lifereal Biotechnology Ltd.

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1.3. 物质或混合物的推荐用途 Recommended uses of substances or mixtures

已确认的用途：仅用于研究。不作为药品、家庭或其他用途 Confirmed use: for research only. Not for medicines, households or other uses.

2. 危险性概述 Risk overview

2.1. 物理和化学危险 Physical and chemical hazards

无 None

2.2. 健康危害 Health hazards

2.2.1. 造成轻微皮肤刺激 Cause minor skin irritation

2.2.2. 造成眼睛刺激 Eye irritation

2.3. 环境危害 Environmental hazards

无 None

2.4. 其他危害 Other hazards

无 None

3. 成分和组成信息 Composition and composition information

3.1. 外包装盒 Outer packing box

形象图 Image：无 None

成分 Component：纸 Paper

信号词 Signal Word：无 None

危险性说明 Risk statement：无 none

防范说明 Preventive Note：无 None

其他信息 Other information：无 None

3.2. 检测卡盒 Cartridge

形象图 Image：无 None

成分 Component：

聚丙烯 Polypropylene Cas# 9003-07-0

水 Water Cas# 7732-18-5

三羟甲基氨基甲烷 Tris Cas# 77-86-1

十二烷基肌氨酸钠 Sodium lauroylsarcosinate Cas# 137-16-6

聚乙二醇 Poly(ethylene glycol) Cas# 25322-68-3

氯化钾 Potassium chloride Cas# 7447-40-7

引物探针 Primer/Probe Cas#不适用

信号词 Signal Word：无 None

危险性说明Risk statement：造成轻微皮肤刺激和眼刺激。Cause minor skin and eye irritation.

防范说明Preventive Note：作业后彻底清洗皮肤。如进入眼睛：用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出，取出隐形眼镜。继续冲洗。如发生皮肤刺激：求医/就诊。如仍觉眼刺激：求医/就诊。Clean skin thoroughly after operation. If it enter your eye(s), rinse with water carefully for a few minutes. If you

wear contact lenses and can easily take out, take out contact lense(s). Continue to rinse. If skin irritation occurs: See a doctor. If you still feel eye irritation: See a doctor.

其他信息 Other information：无 None

3.3. 磁珠 Magnetic Beads

形象图 Image：无 None

成分 Component：

聚丙烯 Polypropylene Cas# 9003-07-0

四氧化三铁 Triiron tetraoxide Cas# 1317-61-9

水 Water Cas# 7732-18-5

信号词 Signal Word：无 None

危险性说明 Risk statement：无 none

防范说明 Preventive Note：无 None

其他信息 Other information：无 None

4. 急救措施 First aid measures

皮肤接触 Skin contact: 如果皮肤接触了，用水彻底淋洗。If skin is in contact, rinse thoroughly with water.

眼睛接触 Eye contact: 如进入眼睛，请用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出，取出隐形眼镜。继续冲洗。 If you enter your eyes, rinse them carefully with water for a few minutes. If you wear contact lenses and can easily take out, take out contact lenses. Continue to rinse.

5. 消防措施 Fire protection measures

5.1. 灭火方法及灭火剂 Fire extinguishing methods and extinguishing agents： 根据当时情况和周围环境采用适合的灭火措施。Appropriate fire extinguishing measures should be adopted according to the situation at that time and the surrounding environment.

5.2. 特别危险性 Special risk: 无适用资料 No applicable information。

5.3. 有害燃烧产物 Harmful combustion products: 已知无有害燃烧产物 No harmful combustion products known

5.4. 特殊灭火方法 Special fire extinguishing methods: 化学火灾的标准程序。 根据当时情况和周围环境采用适合的灭火措施。Standard procedures for chemical fires. Suitable fire extinguishing measures should be adopted according to the situation at that time and the surrounding environment.

5.5. 消防人员的特殊保护装备 Special protective equipment for firefighters: 在着火情况下，佩戴自给式呼吸器。Wear self-contained breathing apparatus in case of fire.

6. 泄露应急处理

人员防护措施、防护装备和应 急处置程序 Personnel protection measures, protective equipment and emergency procedures: 避免直接接触。Avoid direct contact

7. 操作处置与储存 Operational disposal and storage

7.1. 操作处置 Operational disposal

7.1.1. 防火防爆建议 Fire and explosion protection advice：避免接触明火。Avoid exposure to open fire.

7.1.2. 安全处置注意事项 Cautions for safe disposal：操作现场不得进食、饮水或吸烟。No food, drinking water or smoking should be allowed at the operation site.

7.1.3. 防止接触的物品 Contact-proof items：强氧化剂。Strong oxidizers.

7.2. 安全储存的条件 Conditions for safe storage

使容器保持密闭，储存在干燥通风处。建议的贮存温度 2-8℃。Keep the container airtight and store in a dry and ventilated place. Suggested storage at 2-8℃.

8. 接触控制和个体防护 Contact control and personal protection

8.1. 危害组成及职业接触限制 Hazard Composition and Occupational Contact Limitation

不含职业接触限值物质 No Occupational Contact Limit Substances

8.2. 个体防护装备 Individual protective equipment

8.2.1. 呼吸系统防护 Respiratory protection：无需 No need

8.2.2. 眼面防护 Eye protection：安全眼镜 Safety glasses

8.2.3. 皮肤和身体防护 Skin and physical protection：防护服 Protective clothing

8.2.4. 手防护 Hand protection：保护手套 Protective gloves

8.2.5. 卫生措施 Hygienic measures：按照良好的工业卫生和安全规范进行操作 Operate in accordance with good industrial hygiene and safety standards

9. 理化特性 Physical and chemical properties

无 None

10. 稳定性和反应性 Stability and reactivity

10.1. 反应性：正常使用的条件下未见有危险反应。Reactivity: No dangerous reaction was found under normal conditions.

10.2. 稳定性 Stability：正常条件下稳定。Stability under normal conditions

10.3. 避免接触物 Avoid contact：强氧化剂。Strong oxidizer

11. 毒理学信息

11.1. 急性毒性 Acute toxicity

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.2. 皮肤腐蚀/刺激 Skin corrosion/irritation

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.3. 严重眼睛损伤/眼刺激 Severe eye injury/eye irritation

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.4. 呼吸或皮肤过敏 Respiratory or skin allergies

11.4.1. 皮肤过敏

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.4.2. 呼吸过敏

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.5. 生殖细胞致突变性 Germ cell mutagenicity

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.6. 致癌性 Carcinogenicity

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.7. 生殖毒性 Reproductive toxicity

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.8. 特异性靶器官系统毒性-一次接触 Specific target organ systemic toxicity - one contact.

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.9. 特异性靶器官系统毒性-反复接触 Systemic Toxicity of Specific Target Organs - Recurrent Contact

根据现有信息无需进行分类。There is no need to classify according to existing information.

11.10. 吸入危害 Inhalation hazard

根据现有信息无需进行分类。There is no need to classify according to existing information.

12. 生态学信息 Ecology information

12.1. 生态毒性 Ecotoxicity：无 None

12.2. 持久性和降解性 Persistence and degradation：无 None

12.3. 生物蓄积潜力 Bioaccumulation potential：无 None

12.4. 土壤中的迁移性 Mobility in soil： None

12.5. 其他环境有害作用 Other environmental harmful effects：无 None

13. 废弃处置 Disposal

13.1. 残余废弃物 Residual waste：符合当地的法规时,可作为普通垃圾处理。When conforming to local regulations, it can be used as ordinary garbage disposal.

13.2. 污染包装物 Contaminated packaging：应将空容器送至许可的废弃物处理场所循环利用或处置。不要重复使用倒空的容器。Empty containers should be sent to permitted waste disposal sites for recycling or disposal. Do not reuse empty containers.

14. 运输信息 Transportation information

14.1. 国际法规 International regulations

陆运 Land Transport (ADR/RID) ：非危险货物 Not Dangerous Goods

空运 Air Transport (IATA-DGR)：非危险货物 Not Dangerous Goods

海运 Sea Transport (IMDG-Code)： 非危险货物 Not Dangerous Goods

按《MARPOL73/78 公约》附则 II 和 IBC 规则 According to Annex II and IBC Rules of MARPOL73/78 Convention：不适用 Not applicable

14.2. 国内法规 Domestic laws and regulations

GB 6944/12268：非危险货物 Not Dangerous Goods

15. 法规信息

专门对此物质或混合物的安全、健康和环境的规章 / 法规。Regulations/regulations for the safety, health and environment of this substance or mixture.

废物处理也应该满足当地法规要求。Waste disposal should also meet local regulatory requirements.