

Material Safety Data Sheet (MSDS)

材料安全数据表

1. Identification of the Substance and of the Company/Undertaking

企业物质鉴定/担保报告

Product Name 产品名称	AFP Antigen AFP 抗原	Cat#: FAP-TN001
Manufacturer Information 生产商信息	CHONGQING BIOMEAN TECHNOLOGY CO.,LTD 重庆探生科技有限公司	Tel: +86 023 68616605 电话: +86 023 68616605
	1-1,Building 17, No. 28, Yuefu Blvd, Beibei District, Chongqing, China	Tax: none 传真: 无
	重庆市两江新区复兴街道悦复大道 28 号 17 幢 1-1	Website: www.fantibody.com 网址: www.fantibody.com
Emergency Contact 紧急联系电话	023-68616605 (China) 023-68616605 (中国)	

2. Hazards Identification

危害识别

Emergency overview 紧急情况概述	Avoid contact and inhalation. Sodium azide is not present in an amount that qualifies as hazardous according to Directive 67/548/EC 避免接触或者吸入。根据欧盟相关法规 (67/548/EC), 除了钠以外, 均不超过危害标准。
Route(s) of Entry 进入途径	Inhalation, skin, eyes, ingestion, injection 吸入、皮肤、眼睛、摄入、注射
Potential health Effect(s) 潜在的健康影响	May be harmful by inhalation, ingestion or skin absorption. May cause eye, skin or respiratory system irritation. 吸入、摄入或皮肤吸收可能会有伤害, 可能引起眼睛、皮肤和呼吸系统发炎。

3. Composition/Information on Ingredients

组成成分信息

Components 组件	Concentration 浓度	CAS# 美国化学会 物质编号	EC# 欧盟物质编号	Risk Phrases 风险提示	RTECS# 有毒化学物质 编号
Sodium azide 叠氮化钠	15mM	26628-22-8	247-852-1	R28-32-50/53	VY8050000

4. First Aid Measures

急救措施

If inhaled: 如果是吸入	Remove to fresh air. If not breathing, apply mechanical ventilation or give oxygen by trained personnel. Arrange medical attention. 转移至有新鲜空气的地方。如果没有呼吸, 应机械通气或者由受过专业训练的人员进行给氧。安排就医。
If swallowed: 如果是经口摄入	Wash mouth with water provided a person is conscious. Never give anything by mouth to an unconscious person. Get medical

	<p>attention. Do NOT induce vomiting unless directed to do by medical personnel. Arrange medical attention.</p> <p>给尚有意识的人远清洗口腔，不要往没有意识的人员的嘴里放入任何物品。去寻求医疗帮助。不要尝试去诱导呕吐，除非有医务人员的现场指导。安排就医。</p>
<p>Contact with eyes: 眼睛接触</p>	<p>Hold eyelids open and flush eyes with plenty of water for at least 20 minutes. Arrange medical attention.</p> <p>保持眼睑打开，用大量的清水冲洗眼睛至少 20 分钟。安排就医。</p>
<p>Skin contact: 皮肤接触</p>	<p>Wash skin with soap and water for at least 20 minutes. Remove contaminated clothing and wash clothing before reuse. If necessary, arrange medical attention.</p> <p>用肥皂和清水清洗皮肤至少 20 分钟。去除被污染的衣服，衣服必须洗过之后方可继续穿着。如果有必要，安排就医。</p>

5. Fire Fighting Measures

消防措施

<p>Explosive Limits: 爆炸限度</p>	<p>LEL: No data. 爆炸下限：无数据</p>	<p>UEL: No data 爆炸上限：无数据</p>
<p>Fire Fighting Instructions: 消防说明</p>	<p>As with any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.</p> <p>与任何火情一样，在消防过程中必须佩带自给式压力感应呼吸器（或者美国国家职业安全与卫生研究院批准或等效的其它器具），并且要做好全副保护，防止与皮肤和眼睛接触。</p>	
<p>Flammable Properties and Hazards: 易燃的性质和危害</p>	<p>Negligible fire hazard. 可以忽略的火灾隐患。</p>	
<p>Hazardous Combustion Products: 有害燃烧产物</p>	<p>No data 无数据</p>	
<p>Suitable Extinguishing Media: 合适的灭火器材</p>	<p>Use alcohol-resistant foam, carbon dioxide, water or dry chemical spray. Use water spray to cool fire-exposed containers.</p> <p>可使用抗溶泡沫、二氧化碳、水、干冰灭火器。也可以使用水淋灭火。</p>	

6. Accidental Release Measures

泄露的防护措施

<p>Occupational Spill/Release: 泄露/释放</p>	<p>Avoid release into environment.</p> <p>Avoid breathing vapours and provide adequate ventilation.</p> <p>As conditions warrant, wear a NIOSH approved self-contained breathing apparatus (or respirator) and appropriate personal protection (rubber boots, safety goggles, heavy rubber gloves).</p> <p>Absorb spill with inert material (e.g. Dry sand or earth), then place proper chemical waste container.</p> <p>避免释放到环境中。</p>
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	<p>避免呼吸蒸气以及提供足够的通风条件。</p> <p>条件允许时,穿美国国家职业安全与卫生研究院批准的自给式呼吸器(或呼吸器)和适当的个人防护(橡胶靴、安全护目镜、重型橡胶手套)。</p> <p>用惰性材料吸收泄漏(例如干砂或泥土),然后将其存在于适当的化学废物容器中。</p>
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7. Handling and Storage

处理和存储

Hazard Label Information: 危险标签信息	<p>Avoid contact with skin and eyes. Do not reuse this container.</p> <p>Use with adequate ventilation. Wash thoroughly after handling.</p> <p>避免与皮肤和眼睛直接接触。不重复使用这个容器。</p> <p>要有足够的通风条件。处理后彻底清洗。</p>
Precautions to be Taken in Handling: 处理措施	<p>Avoid breathing (dust, vapour, mist, gas).</p> <p>Avoid prolonged or repeated exposure.</p> <p>避免吸入(灰尘、蒸气、雾、天然气)。</p> <p>避免长时间或反复接触。</p>
Precautions to be Taken in Storing: 存储中的预防措施	<p>Keep tightly closed. Store at correct temperature.</p> <p>保持容器紧闭。储存在正确的温度</p>

8. Exposure Controls/Personal Protection

暴露控制/个人防护

Exposure Limits: 接触限度	<p>Provide adequate ventilation.Ensure compliance with applicable exposure limits.</p> <p>提供足够的通风条件。确保符合适用的暴露极限。</p>
Personal Protective Equipment: 专业保护设备	
Respiratory Equipment: 呼吸设备	<p>NIOSH approved respirator, as conditions warrant</p> <p>如果条件允许,使用美国国家职业安全与卫生研究院批准的呼吸设备。</p>
Eye Protection: 眼睛保护	<p>Safety glasses</p> <p>护目镜</p>
Protective Gloves: 防护手套	<p>Compatible chemical-resistant gloves</p> <p>防护手套</p>
Other Protective	<p>Lab coat</p> <p>实验服</p>
Work/Hygiene Practices 工作和卫生习惯	<p>Handle in accordance with good industrial hygiene and safety practice</p>

9. Physical and Chemical Properties

物理和化学特性

Physical State 物理状态	Liquid 液态	Vapour Pressure 蒸气压	NO data 无数据
Melting Point 熔点	NO data 无数据	Vapour Density(air=1) 蒸气密度	NO data 无数据

Boiling Point 沸点	NO data 无数据	Evaporation Rate 蒸发率	NO data 无数据
Autoignition 自燃点	NO data 无数据	Water Solubility 水溶解度	NO data 无数据
Flash Point 闪点	NO data 无数据	Percent Volatile 不稳定百分比	NO data 无数据
Specific Gravity (water=1) 比重（水=1）	NO data 无数据	Appearance and Odour 外观和气味	NO data 无数据

10. Stability and Reactivity

稳定性和反应性

Stability 稳定性	Unstable() 不稳定 ()	Stable (X) 稳定 (X)
Conditions to Avoid 避免情况	NO data 无数据	
Materials to Avoid 避免材料	NO data 无数据	
Decomposition Products 分解产物	Miscellaneous decomposition products 混杂分解产物	
Possibility of Hazardous Reactions 可能的危害性反应	Will occur () 可能发生 ()	Will not occur (X) 不可能发生 (X)

11. Toxicological information

毒理学信息

Acute and Chronic Toxicity 急性和慢性中毒	NO data 无数据
Carcinogenicity/other information 致癌性/其他信息	NO data 无数据

12. Ecological information

生态学信息

Ecotoxicity effects 生态影响	NO data 无数据
Mobility 流动性	NO data 无数据
Persistence and Degradation 持久性和降解	NO data 无数据
Bioaccumulative Potential 潜在生物蓄积	NO data 无数据

13. Disposal Considerations

废物处置注意事项

Waste Disposal Method 废物处置方法	Dispose in accordance with local and all applicable regulation 依据相关法律法规处置。
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14. Transport information

运输信息

U.S.DOT 《美国交通部规定的安全标准》	Not classified as dangerous goods in transportation regulations 未被运输法规列为危险物品
European ADR/RID 欧洲《关于危险货物道路国际运输的欧洲协议》 /《国际铁路运输危险货物规则》	Not classified as dangerous goods in transportation regulations 未被运输法规列为危险物品
ICAO/IATA 国际民用航空组织/国际航空运输协会	Not classified as dangerous goods in transportation regulations 未被运输法规列为危险物品

15. Regulatory information

监管信息

U.S. Federal Regulations 美国联邦监管条例	Not regulated under SARA sections 302/204/313, CERCLA, TSCA, TSCA or require and OSHA process safety plan 不属于 SARA 302/304/313, CERCLA, TSCA 条款或 OSHA 加工生产安全规划
Canada WHMIS Classification 加拿大工作场所危险品信息系统分类法	Non-controlled product 非控制性产品
European Regulations 欧洲条例	Classified for the E.U. according to Annex VI Directives 67/548/EEC and 99/45/EC 属于欧洲条例附 4 条 67/548/EEC 和 99/45/EC 指令

16. Other information

其它信息

For research and development use only. Not intended for food, drug or household use.

仅供研究和产品开发使用。严禁食品、药物或家庭使用。

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