

Safety Data Sheet

安全技术说明书

SDS Report

SDS 报告

Shenzhen DeHe Biotech Co., Ltd.

深圳市德和生物科技有限公司

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District, Shenzhen

深圳市龙岗区平湖街道平新北路 164 号 C 栋 5 楼

SDS Report No. : CTT20190118141SDS

SDS 报告号

Product Name : Haematococcus pluvialis Powder 雨生红球藻粉

产品名称

Ingredients/raw : See Part III of SDS

materials

见 SDS 第三部分

成分/原料

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

所需服务

化学品安全技术说明书

Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No.1907/2006, 1272/2008, Regulation (EU) No.2015/830 and are provided per attached.

摘要

根据要求, SDS 的内容和格式按照第 1907/2006 号法规 (EC)、第 1272/2008 号法规 (欧盟) 和第 2015/830 号法规编制, 并按照附件提供。

Signed for and on behalf of

Technical Center:

技术中心授权签字:



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SECTION 1: Product and identification of the company

第 1 部分 化学品及企业标识

Chinese Name 化学品中文名: Haematococcus pluvialis Powder 雨生红球藻粉

Company Name 企业名称: Shenzhen DeHe Biotech Co., Ltd.

深圳市德和生物科技有限公司

Company Address 企业地址: 5th Floor, Building C, No.164 ,Pingxin North Road, Pinghu Street, Longgang District, Shenzhen

深圳市龙岗区平湖街道平新北路 164 号 C 栋 5 楼

Zip Code 邮编: 518000

Office Tel 联系电话: 0755-89998819

Emergency telephone number 企业应急电话: 0755-89998819 (24 小时)

Product Recommendation and Restricted Use 产品推荐及限制用途: 医药品, 保健品, 化妆品, 功能性饮品, 功能性食品。

Pharmaceutical, nutraceutical products, cosmetics, functional drink, functional foods.

SECTION 2: Hazards identification

第 2 部分 危险性概述

Summary of emergencies: This product is Powder. No known physical or chemical hazards; no known health hazards; no known environmental hazards.

紧急情况概述: 本产品为粉末状。没有可知的物理和化学危险; 没有可知的健康危害; 没有可知的环境危害。

Hazardous Category: This product does not need to be classified and labeled according to (EC) 1272/2008 series standards.

危险性类别: 本产品不需要按照 (即(EC) 1272/2008 系列标准) 来分类和标签。

Label elements 标签要素:

Pictograms: Not applicable 象形图: 不适用

Warning words: not applicable 警示词: 不适用

Hazard statement: not applicable 危险说明: 不适用

Precautionary statement 防范说明:

- Preventive measures: not applicable 预防措施: 不适用
- Accident response: not applicable 事故响应: 不适用
- Safe storage: not applicable 安全储存: 不适用
- Waste disposal: not applicable 废弃处置: 不适用

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Physical and chemical hazards: unknown physical and chemical hazards.

物理和化学危险: 无可知的物理和化学危险。

Health hazard 健康危害:

Acute poisoning: Unknown acute poisoning hazards.急性中毒: 无可知的急性中毒危害。

Chronic poisoning: Unknown chronic poisoning hazards.慢性中毒: 无可知的慢性中毒危害。

Environmental hazards: unknown environmental hazards 环境危害: 无可知的环境危害。

SECTION 3: Composition/information on ingredients

第 3 部分 成分/组成信息

Components 组分	Concentration/concentration range (mass fraction,%) 浓度/浓度范围 (质量分数, %)	CAS No.
碳水化合物(Carbohydrate)	38	50930-79-5
脂肪 (Fat)	24	/
蛋白质(Protein)	24	/
虾青素(Astaxanthin)	≤5	472-61-7
其他 (Other)	≥9	/

SECTION 4: First aid measures 第4部分 急救措施

First aid急救:

After inhalation吸入: Supply with fresh air. Call a Poison Center/doctor, if you feel unwell.供给新鲜空气; 如感觉不适, 呼叫解毒中心或医生。

After skin contact皮肤接触: Rinse the skin with water. If skin irritation occurs, get medical advice/care

用水冲洗皮肤。如果发生皮肤刺激, 获取医疗意见/护理。

After eye contact眼睛接触: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

用自来水小心冲洗眼睛几分钟。如果发生眼刺激, 获取医疗意见/护理。

Advice for protecting and rescuers: wear respiratory protection when entering the accident

Site 对保护施救者的忠告: 进入事故现场应佩戴呼吸防护装置。

Special notes to doctors: no information

对医生的特别提示: 无相关信息。

SECTION 5: Fire-fighting measures 第5部分 消防措施

Suitable extinguishing agents: CO₂, powder, water spray or alcohol resistant foam.

灭火剂: 雾状水、二氧化碳、化学干粉。

Special danger: No special danger.

特别危险性: 没有特别的危险性。

Protective equipment: Wear fully protective suit and self-contained respiratory protective device.

Reception and treatment of fire water to prevent environmental pollution.

灭火注意事项及防护措施:

消防人员穿上全面保护的衣物和呼吸防护装备, 在上风向灭火。

收容和处理消防水, 防止污染环境。

SECTION 6: Accidental release measures 第6部分 泄露应急处理

Operators' protective measures, protective equipment and emergency handling procedures:

作业人员防护措施、防护装备和应急处理程序:

Cut off the leakage source as far as possible and collect the leakage in time.

尽可能切断泄露源, 及时收集泄漏物。

Warning zones are delimited according to the affected areas, and irrelevant personnel are evacuated from the cross wind and upper wind direction to the safety zone.

根据影响区域划定警戒区, 无关人员从侧风、上风向撤离至安全区。

Evacuate unprotected personnel.

撤离无防护的人员。

Ensure adequate ventilation.

确保足够通风。

Environmental protection measures环境保护措施:

Do not pour into drainage systems, surface water and groundwater in large quantities

不要大量流入到排水系统, 地表水和地下水。

Reception, cleaning methods and treatment materials used for leaking chemicals:

泄露化学品的收容、清理方法以及使用的处理材料:

Small leakage: Ensure adequate ventilation, wear protective gloves and pick them up directly to avoid contact with the eyes. 小量泄漏: 确保足够通风, 佩戴防护手套直接拾起, 避免接触到眼睛。

Massive leakage: collection and recovery with forklift trucks or transported to waste disposal sites for disposal. 大量泄漏: 用铲车等收集回收或运至废物处理场所处置。

SECTION 7: Handling and storage第7部分 操作处理与储存

Operational considerations操作注意事项:

Ensure adequate ventilation确保足够通风。

Handling should be light loading and unloading to prevent damage to packaging and containers
搬运时要轻装轻卸, 防止包装及容器损坏。

Avoid contact with eyes避免接触到眼睛。

Wash your hands after use. No eating, drinking or smoking in the workplace使用后洗手, 禁止在工作场所进食、饮水或吸烟。

Storage Notes:储存注意事项:

It should be stored separately from strong acid and oxidant.应与强酸、强氧化剂分开存放。

SECTION 8: Exposure controls/personal protection

第8部分 控制接触/个人防护

Occupational exposure limit: This product does not contain substances that need to be monitored in public workplaces.

职业接触限值: 本产品不含有需要在公共工作场所监控浓度限值的物质。

Monitoring methods: no relevant data

监测方法: 无相关资料。

Biological Contact Limits: No Data

生物接触极限: 无相关资料。

Monitoring methods: no relevant data

监测方法: 无相关资料。

Engineering Control: Ensure good ventilation.

工程控制: 确保良好通风。

Individual protective equipment个体防护装备:

Respiratory protection: wearing dust mask呼吸系统防护: 佩戴防尘口罩。

Hand protection: wearing labor gloves手防护: 戴劳保手套。

Glasses protection: wearing safety goggles眼镜防护: 戴安全护目镜。

Skin and physical protection: wearing protective overalls皮肤和身体防护: 穿防护工作服。

SECTION 9: Physical and chemical properties 第9部分 理化特性

Appearance and properties: Powder 外观与性状: 粉末状

PH: undetermined pH值: 未测定

Critical temperature (°C): undetermined临界温度: 未测定

Melting point (°C) : undetermined

Critical Pressure (MPa): Unmeasured

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熔点 (°C): 未测定

Boiling Point (°C): Unmeasured

沸点 (°C): 未测定

Flash point (°C): Not applicable

闪点 (°C): 不适用

Explosive upper limit [(volume fraction)]: not explosives

爆炸上限[(体积分数)]: 不是爆炸物

Explosive Lower Limit [(Volume fraction)]: Not Explosives

爆炸下限[(体积分数)]: 不是爆炸物

Saturated vapor pressure: 0 mmHg

饱和蒸汽压: 0 mmHg

Relative density (water in 1): undetermined

相对密度 (水以1计): 未测定

Relative vapor density (air in 1): undetermined

相对蒸汽密度 (空气以1计): 未测定

Octanol/water partition coefficient (lg P): undetermined

辛醇/水分配系数 (lg P): 未测定

临界压力(MPa): 未测定

Spontaneous Combustion Temperature (°C): Unmeasured

自燃温度 (°C): 未测定

Decomposition temperature (°C) undetermined

分解温度 (°C): 未测定

Combustion heat (KJ/mol): undetermined

燃烧热 (KJ/mol): 未测定

Evaporation Rate: No Evaporation

蒸发速率: 不会蒸发

Flammability: Not Flammable Solids

易燃性: 不是易燃固体

Viscosity (mPa. s): Not applicable

黏度 (mPa·s): 不适用

Odor threshold (mg/m³): not applicable

气味阈值 (mg/m³): 不适用

Solubility: insoluble in water

溶解性: 不溶于水

SECTION 10: Stability and reactivity 第10部分 稳定性和反应性

Stability: Stored in recommended environments, the product is stable.

稳定性: 在推荐的环境下储存, 产品是稳定的。

Dangerous reaction: There is no known dangerous reaction.

危险反应: 没有可知的危险反应。

Avoid contact conditions: High temperature and direct sunlight.

避免接触的条件: 高温、阳光直射。

Prohibited ligands: strong oxidant, strong acid.

禁配物: 强氧化剂、强酸。

Dangerous decomposition products: No relevant data.

危险的分解产物: 无相关数据。

SECTION 11: Toxicological information 第11部分 毒理学信息

Acute Toxicity: This product is not a toxic substance.

急性毒性: 本产品不是有毒害物质。

Skin irritation or corrosion: This product will not cause skin irritation/corrosion

皮肤刺激或腐蚀: 本产品不会导致皮肤刺激/腐蚀。

Eye irritation or corrosion: This product will not cause eye irritation/corrosion

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眼睛刺激或腐蚀: 本产品不会导致眼刺激/腐蚀。

Respiratory or skin allergies: This product does not cause skin allergies

呼吸或皮肤过敏: 本产品不会造成皮肤过敏反应。

Germ cell mutagenicity: This product will not cause germ cell mutagenicity.

生殖细胞突变性: 本产品不会致生殖细胞突变性。

Carcinogenicity: This product does not cause cancer.

致癌性: 本产品不会致癌。

Reproductive toxicity: This product will not cause reproductive toxicity.

生殖毒性: 本产品不会致生殖毒性。

Specific Target Organ Systemic Toxicity - A Contact: This product is not a Contact with Target Organ Toxic Substances

特异性靶器官系统毒性——一次接触: 本产品不是一次接触有靶器官毒性物质。

Specific target organ systemic toxicity - repeated exposure: This product is not repeated exposure to toxic substances with target organs

特异性靶器官系统毒性——反复接触: 本产品不是反复接触有靶器官毒性物质。

Inhalation hazard: This product is not inhaled harmful substances

吸入危险: 本产品不是吸入有害物质。

SECTION 12: Ecological information 第12部分 生态学信息

Ecotoxicity: no harm to aquatic organisms

生态毒性: 对水生生物无危害。

Persistence and degradation: inorganic substances

持久性和降解性: 无机物。

Bioconcentration or bioaccumulation: No enrichment occurs.

生物富集或生物积累性: 不会发生富集。

Mobility in Soil: Water insolubility

土壤中的迁移性: 不溶于水。

SECTION 13: Disposal consideration 第13部分 废弃处置

Waste chemicals 废弃化学品:

Recycle as much as possible 尽量回收利用。

Do not dispose of the product by discharging it into the sewer as far as possible..尽量不采用排放到下水道的方

Contaminated packaging: 污染包装物:

Disposal in accordance with national and local regulations 按照国家和地方法规处置。

Abandoned matters needing attention 废弃注意事项:

Reference should be made to relevant national and local regulations before waste disposal. 废弃处置前应参阅国家和地方有关法规。

Safety precautions for disposal personnel see Part 8 处置人员的安全防范措施参见第8部分。

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SECTION 14: Transport information 第14部分 运输信息

United Nations Dangerous Goods Number (UN No.): Not for transport of dangerous goods, not applicable

联合国危险货物编号 (UN号): 不是运输危险品, 不适用。

United Nations Transport Name: Not applicable联合国运输名称: 不适用

United Nations Hazard Classification: Not applicable联合国危险性分类: 不适用

Ocean Pollutants (Yes/No): No海洋污染物 (是/否): 否

SECTION 15: Regulatory information 第15部分 法规信息

The following laws, regulations, rules and standards provide for the management of the chemical: No Data.

下列法律、法规、规章和标准, 对该化学品的管理作了相应的规定: 无

SECTION 16: Other information 第16部分 其他信息

Disclaimer:

The information in this SDS is applicable only to specified products, unless specifically specified, not to mixtures of this product and other substances. This SDS only provides information on product safety for those properly trained users of the product. Users of this SDS must make independent judgments on the applicability of this SDS under special conditions. In special occasions, the author of this SDS will not be liable for any damage caused by the use of this SDS.

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