

化学品安全技术说明书

Material Safety Data Sheet

Ver: 202607

第 1 部分 化学品及企业标识

Section 1: Identification of the substance/mixture and of the company/undertaking

产品名称: Product Name:	Z-Emuslix D-10
制 造 商: Company:	馨研创化学材料（广州）有限公司 GREENZN Co.,Ltd
地 址: Add:	山东省枣庄市薛城区陶庄镇复兴路北 7# ， 邮编 277011 No.7, Fuxing North Road, Taozhuang Town, Xuecheng District, Zaozhuang City, Shandong Province, China277011

第 2 部分 危险性概述

Section 2: Hazards identification

紧急情况概述: Emergency Overview:	淡黄色透明液体，轻微特征性气味，不易燃。避免吸入，避免接触眼睛。如过量接触眼睛或吸入，需采取急救措施和医疗处理。 Light yellow transparent liquid with a slight characteristic odor. Non-flammable. Avoid inhalation and eye contact. Seek first aid and medical attention if excessive eye contact or inhalation occurs.
GHS 危险性类别: GHS Hazard Classification:	无危险性分类 No hazardous classification
物理和化学危害: Physical and chemical hazards:	无 None
健康危害: Health hazards:	接触眼睛，可能会引起眼睛刺激。 过量吸入，可能会引起咳嗽、打喷嚏、呼吸道刺激等症状。 Eye contact may cause eye irritation. Excessive inhalation may cause symptoms such as coughing, sneezing, and respiratory tract irritation.
环境危害: Environmental hazards:	无 None

第 3 部分 成分/组成信息

Section 3: Composition/information on ingredients

化学名称 Chemical name	CAS 号 CAS No.	质量分数, % Mass fraction
椰油酰胺丙基甜菜碱 COCAMIDOPROPYL BETAINE	86438-79-1	35-41.8
水 AQUA	7732-18-5	38-50
柠檬酸 CITRIC ACID	77-92-9	0.2-1
聚甘油-10 月桂酸酯 POLYGLYCERYL-10 LAURATE	34406-66-1	12-22

第 4 部分 急救措施

Section 4: First aid measures

皮肤接触: Skin contact:	用温和的肥皂和大量清水彻底冲洗皮肤。若刺激持续, 就医。 Wash affected area thoroughly with mild soap and plenty of water. If irritation persists, seek medical attention.
眼睛接触: Eye contact:	提起眼睑, 用流动清水冲洗 15 分钟以上。若刺激持续, 就医。 Hold eyelids open and flush with flowing water for at least 15 minutes. If irritation persists, seek medical attention.
吸入: Inhalation:	立即脱离现场至空气新鲜处。若呼吸困难, 给氧就医。 Remove immediately to fresh air. If breathing is difficult, administer oxygen and seek medical attention.
食入: Ingestion:	用水彻底漱口, 不得给饮任何东西, 无医生建议不催吐。如感觉不适, 就医。 Rinse mouth thoroughly with water. Do not give anything by mouth. Do not induce vomiting without medical advice. If feeling unwell, seek medical attention.

第 5 部分 消防措施

Section 5: Firefighting measures

危险特性: Hazardous characteristics:	不属于易燃危险品。 Non-flammable.
灭火方法及灭火剂: Extinguishing methods and agents:	结合周围环境和当时情形确认合适的灭火器。 Use extinguishing media appropriate to the source of the fire and the surrounding area.
灭火措施: Measures for fire-fighting:	消防员应戴自给正压式呼吸器, 穿消防防护服以防止皮肤和眼睛接触。在上风处灭火。不相关人员疏散至安全区域。尽可能移除所有点火源。 Firefighters must wear positive pressure self-contained breathing apparatus

and fireproof clothing to prevent contact with skin and eyes. Fight fire from upwind. Evacuate non-essential personnel to a safe area. Remove all ignition sources if possible.

第 6 部分 泄露应急处理

Section 6: Accidental release measures

应急处理: Emergency response:	使用个人防护设备。确保足够的通风。避免吸入粉尘。移除所有点火源。确保人员远离泄露区或处于泄露区上风区。不相关人员禁止进入。用清洁铲子收集与干燥、洁净、有盖的容器中待处置。避免扬尘。清扫后通风，洒水。 Use personal protective equipment. Ensure adequate ventilation. Avoid breathing dust. Remove all ignition sources. Keep personnel away from the spill area or stay upwind. Keep unauthorized personnel out. Collect with a clean shovel into dry, clean, covered containers for disposal. Avoid raising dust. After sweeping, ventilate the area and sprinkle with water.
环境防护措施: Environmental precautions:	避免化学品释放到环境中。若泄漏到排水系统/水生环境中，应通知当地主管部门。在确保安全的条件下，采取措施防止进一步的泄漏或溢出。防止泄漏物进入下水道、地表水和地下水。如直接影响到附近居民的饮水环境，应通知附近居民暂时勿使用饮水资源。 Avoid release to the environment. If discharged into drains or the aquatic environment, notify the relevant local authorities. Take measures to prevent further leakage or spillage if safe to do so. Prevent the spilled material from entering sewers, surface water, and groundwater. If the drinking water supply for nearby residents is directly affected, notify them to temporarily suspend the use of drinking water resources.

第 7 部分 操作处置及储存

Section 7: Handling and storage

操作处置: Handling:	操作人员应经过培训，严格遵守操作规程。建议操作人员穿个人防护服，戴合适的化学防护手套。避免形成粉尘。避免吸入，避免与眼睛和皮肤直接接触。远离火种、热源、工作场所严禁吸烟。工作场所应有通风系统和设备。避免与强酸，强碱，氧化剂接触。操作完毕后彻底清洗手和面部。搬运时要轻装轻卸，防止包装破裂受潮。配备相应品种和数量的消防器材及泄露应急处理设备。 Operators must be adequately trained and strictly adhere to operating procedures. It is recommended that operators wear personal protective clothing and appropriate chemical-resistant gloves. Avoid the formation of dust. Avoid inhalation and direct contact
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	with eyes and skin. Keep away from ignition sources and heat; smoking is strictly prohibited in the workplace. Ensure adequate ventilation systems and equipment are in place. Avoid contact with strong acids, strong alkalis, and oxidizing agents. Wash hands and face thoroughly after handling. Handle with care during transport to prevent damage to packaging and exposure to moisture. Equip the area with appropriate types and quantities of firefighting equipment and spill emergency response equipment.
安全储存: Storage:	<45°C, 阴凉干燥处避光密封保存。远离火种、热源。应与氧化剂, 强酸, 强碱等分开存放。储存区配备相应品种和数量的消防器材、泄露应急处理设备和合适的收容材料。 Store in a cool, dry, well-ventilated place protected from light, at temperatures below 45°C, and keep the container tightly sealed. Keep away from ignition sources and heat. Store separately from oxidizing agents, strong acids, and strong alkalis. The storage area must be equipped with appropriate types and quantities of firefighting equipment, spill emergency response equipment, and suitable containment materials.

第 8 部分 接触控制和个体防护

Section 8: Exposure controls / personal protection

最高容许浓度: Maximum permissible concentration:	无数据 No data available
工程控制方法: Engineering controls:	有效的排气通风系统。保证充分的通风。在排放源抽吸。确保抽出的空气不会经过排风系统回到工作场所。防止溅出。避免形成气溶胶 Use effective exhaust ventilation systems. Ensure adequate ventilation. Extract air at the emission source. Ensure that the extracted air does not return to the workplace through the ventilation system. Prevent splashing and avoid the formation of aerosols.
个体防护设备: Personal protective equipment:	呼吸系统防护: 佩戴符合标准的防护口罩; 应急情况下佩戴有效过滤式呼吸器。 手防护: 佩戴符合标准的防护手套。 眼睛防护: 建议穿戴化学护目镜, 面罩。 皮肤和身体防护: 全身的防护服防化鞋套。在工作场所根据危险物的量和浓度来选择身体的防护。 Respiratory protection: Wear a protective mask that meets applicable standards. In emergency situations, wear an effective filtering respirator. Hand protection: Wear protective gloves that meet applicable standards. Eye protection: Safety goggles and a face shield are recommended.

Skin and body protection: Wear full-body chemical protective clothing and shoe covers. Select appropriate body protection based on the quantity and concentration of the hazardous substance in the workplace.

第 9 部分 理化特性

Section 9: Physical and chemical properties

外观和性状: Appearance and form:	淡黄色透明液体 Light yellow transparent liquid
气味: Odor:	无味或轻微特征性气味 Odorless or slight characteristic odor
挥发性: Volatility:	无 None
pH:	4.5-6
固含量 (150°C, %): Solid content:	52.68
气味阈值: Odor threshold:	无数据资料 No data available
溶解性: Solubility:	水溶 Water soluble

第 10 部分 稳定性和反应性

Section 10: Stability and reactivity

稳定性: Stability:	在正常环境温度下储存和使用, 本品稳定。 Stable under normal ambient temperature storage and use conditions.
危险反应的可能性: Possibility of hazardous reactions:	正常使用的条件下未见有危险反应。 No hazardous reactions observed under normal use conditions.
应避免的条件: Conditions to avoid:	避免阳光直射, 高温, 远离明火。 Avoid direct sunlight, high temperatures, and keep away from open flames.
禁配物: Incompatible materials:	强氧化剂, 强还原剂, 强酸, 强碱。 Strong oxidizing agents, strong reducing agents, strong acids, and strong alkalis.
危险分解产物: Hazardous decomposition products:	无 None.

第 11 部分 毒理学信息

Section 11: Toxicological information

急性毒性: Acute toxicity:	无相关数据可做分类 No relevant data available for classification
皮肤腐蚀/刺激: Skin corrosion/irritation:	无相关数据可做分类 No relevant data available for classification
严重损伤/眼刺激: Serious damage/eye irritation:	无相关数据可做分类 No relevant data available for classification
呼吸/皮肤过敏: Respiratory or skin sensitization:	无相关数据可做分类 No relevant data available for classification
生殖细胞致突变性: Germ cell mutagenicity:	无相关数据可做分类 No relevant data available for classification
致癌性: Carcinogenicity:	无相关数据可做分类 No relevant data available for classification
生殖毒性: Reproductive toxicity:	无相关数据可做分类 No relevant data available for classification
特异性靶器官系统毒性--一次性接触: Specific target organ toxicity - single exposure:	无相关数据可做分类 No relevant data available for classification
特异性靶器官毒性--反复接触: Specific target organ toxicity - repeated exposure:	无相关数据可做分类 No relevant data available for classification
吸入危害: Aspiration hazard:	无相关数据可做分类 No relevant data available for classification

第 12 部分 生态学信息

Section 12: Ecological information

毒性: Toxicity:	无可用数据的所有成分 No available data for all components
持久性和降解性: Persistence and degradability:	无可用数据的所有成分 No available data for all components
潜在的生物累积性: Bioaccumulative potential:	无可用数据的所有成分 No available data for all components
土壤中的迁移性: Mobility in soil:	无可用数据的所有成分 No available data for all components
其它有害效应:	无可用数据的所有成分

Other adverse effects:	No available data for all components
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第 13 部分 废弃处置

Section 13: Disposal considerations

残余废弃物： Residual waste:	当地规定处理。空的容器或衬垫可能保留有一些产品的残留物，这些材料及其容器必须以安全的方式废弃处置（参见：废弃指导）。 Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
受污染包装： Contaminated packaging:	不得将未处理过的包装材料与工业废物一起废弃处置。不能作为生活垃圾处理。倒空剩余物。容器不能清洗，必须当作废弃物处理将内装物/容器送到批准的废物处理厂处理。按当地法规处理 Do not dispose of unprocessed packaging materials together with industrial waste. Do not dispose of as domestic waste. Empty remaining contents. The container cannot be washed and must be treated as waste. Dispose of contents/container to an approved waste disposal plant. Dispose of in accordance with local regulations.
当地废弃处置法规： Local disposal regulations:	回收再生或装在密封的容器中送至专门的废弃物处理场处理。按照地方/区域/国家/国际规章处置内装物/容器。 Collect and reclaim, or dispose of in sealed containers at a licensed waste disposal site. Dispose of contents/container in accordance with local, regional, national, and international regulations.

第 14 部分 运输信息

Section 14: Transport information

危险性类别： Hazard class:	无 None
UN 编号： UN Number:	无 None
包装标识： Packaging labels:	无 None
包装类别： Packing group:	无 None
运输注意事项： Transport precautions:	起运时包装要完整，装载应稳妥。运输过程中要确保容器不泄漏、不倒塌、不坠落、不损坏。 Ensure packaging is intact before dispatch and load securely. During transport, ensure containers do not leak, collapse, fall, or become damaged.

第 15 部分 法规信息

Section 15: Regulatory information

国内法规: Domestic regulations:	本品未列入 GB 12268《危险货物品名表》中。 本品中的成分未列入《危险化学品目录》中。 本品未列入《铁路危险货物品名表》中。 This product is not listed in the GB 12268 List of Names of Dangerous Goods. The components of this product are not listed in the Catalog of Hazardous Chemicals. This product is not listed in the List of Names of Dangerous Goods for Railway Transport.
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第 16 部分 其他信息

Section 16: Other information

其他资料: Other information:	(物料) 安全数据单 SDS 作为危害信息的交流工具, 应该被用来协助风险评估。企业负责人只可将此作为其他所获信息之有益补充, 并须对此信息内容进行独立适当的评判, 确保产品使用适度, 保障其企业职工的健康安全。很多因素可以用来决定是否需报告危害在工作场所或其它安置是否为危险。危险性可以通过参考接触情况而决定。 The Safety Data Sheet (SDS) serves as a tool for communicating hazard information and should be used to assist in risk assessments. Employers should use this document only as a helpful supplement to other information obtained and must make an independent and appropriate assessment of the information contained herein to ensure the proper use of the product and to safeguard the health and safety of their employees. Many factors may be used to determine whether a hazard needs to be reported or whether a workplace or other setting is hazardous. The degree of hazard may be determined by referring to the conditions of exposure.
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