

化学品安全技术说明书

Section 1 - Chemical Product And Company Information

第一部分 化学品及企业信息

Chemical Name: Ethylene Bis Stearamide

化学品中文名: N,N'-乙撑双硬脂酰胺

Company: CHEMPLASA MATERIALS LTD.

生产企业名称: Chemplasa 材料有限公司

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Section 2 - Composition And Information On Ingerdients

第二部分 成分/组成信息

纯品(Purity)√

混合物(Mixture)×

成分(Ingerdients)

浓度(Purity)

CAS No.

N,N'-乙撑双硬脂酰胺(EBS)

100%

110-30-5

Section 3 - Hazard Identification

第三部分 危险性概述

primary routers of entry : skin contact eye contact

inhalation ingestion

侵入主要途径: 皮肤接触 眼睛接触

吸入 摄取

Effect of over exposure: No information found

过度暴露在空中的结果: 没有不良结果

Over exposure may aggravate existing conditions: No effect indicated

过度暴露在空气对现有环境的影响: 没有不良现象.

Chemicals listed as carcinogen: Not listed

列出作为致癌的化学物资: 没有.

Section 4 - First Aid Measures

第四部分 急救措施

Eyes: Flush eyes with plenty of water for several minutes, Seek medical attention if irritation develops or persists.

眼睛: 用大量水冲洗眼睛时间长些, 如果眼睛还不舒服, 找医生观察一下.

Skin: Wash affected areas with plenty of water, and soap if available, for several

minutes, Seek medical attention if irritation develops or persists.

皮肤:用足够的水冲洗受影响的皮肤, 如果有可能肥皂洗几分钟, 如果还有不良的感觉找医生观察一下.

Inhalation: Remove from area to fresh air, Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

吸入:到空气新鲜的地方呼吸新鲜的空气, 如果感觉还不行, 或者呼吸有困难, 找医生观察一下.

Ingestion: If swallowed, give 3~4 glasses of water but DO NOT induce vomiting, If vomiting does occur, give fluids again, Get medical attention to determine whether vomiting or evacuation of stomach is necessary, Do not give anything by mouth to an unconscious or convulsing person.

摄取:如果有误食, 喝 3~4 杯水, 但不能有呕吐, 如呕吐, 找医生观察一下胃的情况, 对胃没感觉或者身体抽筋不要吃任何东西.

Section 5 - Fire Fighting Measures

第五部分 消防措施

Auto ignition temperature: not known

燃点温度:没有要求.

Lower explosion limit (%):not known

爆炸最低限度(%):没有要求

Upper explosion limit (%):not known

爆炸最高限度(%):没有要求.

Extinguishing media foam:×

灭火泡沫: ×

Alcohol foam: × CO₂: ×

酒精泡沫: × 二氧化碳: ×

Dry chemical: ×

干冰: ×

water: × other: ×

水: × 其他: ×

Special fire fighting procedures(专业灭火程序)

Treat as a hot oil /fat fire, if water must be used, use a fog nozzle to avoid spattering of melted wax and spread of burning liquid.

作为热油或油脂着火时, 如果必须使用水, 必须用喷雾水枪冲刷掉熔化的蜡状物以及使燃烧的液体散开.

Unusual fire and explosion hazards(异常着火和爆炸危险)

Airborne dust of Chemplasa EBS atomized or powdered and in the presence of an ignition source may constitute an explosive hazard. The flammability rating for this substance has been assigned as a "4", According to the HMIS guideline this rating is given to material that can form explosive mixtures with air and which are readily dispersed in air.

Chemplasa 的 EBS 中的雾状或粉末状的气载尘埃作为着火源出现, 可能会形成爆炸危险, 那么其易燃等级为四级, 依照 HMIS 方针关于物资爆炸等级规定.

Section 6 - Accidental Release Measures

第六部分 泄漏应急处理

Steps to be taken in case material is released or spilled: Caution!

万一释放出或散出采取的措施:警告!

If wet, floor may become slippery, wear appropriate protective gear and respiratory protection where particulate of unknown concentration may be generated.

如果地面湿了,可能会变滑,穿上适当保护调整装置和口罩,在可能不知道的地方浓度会增加.

Self-contained breathing apparatus preferred for large spills

对于夸大的散落首选氧气吸收器

Shovel spills into appropriate containers for disposal .To remove residue, wet with water.

用铲子铲除散落的物资到适当的容器中移开,用水弄湿.

Absorb with sand or vermiculite and place in compatible container for disposal keep out of sewers and open bodies of water.

用沙子和石子吸收,放入适当容器中,放到下水道外面,打开饮用水.

Section 7 - Handling And Storage

第七部分 操作处置与储存

Precautions for storage and handling: Keep container closed until use.

对贮存和处理的防备: 在使用前保持容器关闭。

Section 8 - Exposure Controls, Personal Protection

第八部分 个体防护

Ventilation type :In processes where dusts may be generated or nuisance dust levels ($5\text{mg}/\text{m}^3$) are exceeded, proper ventilation must be provided in accordance with good ventilation particles.

空气流通形式: 在有灰尘产生或有损害灰尘超过的地方采取的措施是选择合适的通风点采取通风措施。

Respiratory protection: Where dust or particulate are generated by the process and in the absence of proper environmental controls, a mask or capable protecting gament against dust is recommended.

吸收保护: 对有灰尘或颗粒产生的地方而不能保证空气质量时, 采取方法是用面具或适用的外衣使吸收与灰尘隔离开。

Protective gloves: Rubber or neoprene, when needed, gloves are recommended to prevent skin contact.

套手套保护: 当需要时套橡胶或氯丁橡胶手套接触产品, 防止手直接接触产品。

Eye protection: Wear chemical goggles where there is a potential for eye contact, Use safety glasses with side shield under normal use conditions.

眼睛的保护: 在可能有与眼睛接触的地方戴上化学护目镜, 在标准情况下带侧面防护罩的眼

镜。

Other protective equipment: Eye wash, safety shower, protective clothing(long sleeves, coveralls or other , as appropriate), when needed, to prevent skin contact.

其他保护装置: 在有需要的时候冲洗眼睛, 安全淋浴、防护服(长袖服, 各部分比较全), 防止皮肤直接接触。

Section 9 - Physical And Chemical Properties

第九部分 理化特性

| | |
|------------------------------------------------------------------------|-------------------------------------------------------------------|
| Appearance: white to tan powder or bead 外观: 白色粉末或颗粒 | Acid Value (mg KOH/g): ≤ 10.0 酸值 (mg KOH/g) : ≤ 10.0 |
| Total Amine Value (mg KOH/g): ≤ 3.0 总胺值 (mg KOH/g): ≤ 3.0 | melting/freezing point: 141.5-146.5°C 熔点/凝固点: 141.5-146.5°C |
| boiling point: not applicable 沸点: 没有要求 | Odor: slight amide 气味: 轻微的氨基化合物 |
| Vapor density (Air -1): not applicable 蒸气密度: 没有要求 | vapor pressure(mmHg): not applicable 蒸气压力: 没有要求 |
| Moisture Bulk (%): ≤ 0.8 挥发份 (%): ≤ 0.8 | Solubility in water: insoluble 在水中的可溶解性: 不溶解 |
| Color Value : ≤ 5.0 色值 : ≤ 5.0 | |

Section 10 - Stability And Reactivity

第十部分 稳定性和反应活性

Stability: Stable

稳定性: 稳定

Conditions to avoid: Not known

对环境的要求: 没有

Hazardous decomposition products: None known.

产品的腐烂的危险: 没有.

Hazardous polymerization: will not occur.

聚合的危险: 还没有发现.

Conditions to avoid: None known.

对环境的要求: 没有.

Incompatibility (Materials to avoid): water other: None known

不相容物: 水 其他: 不知道

Section 11 - Toxicological Information

第十一部分 毒理学资料

LD50(rat): greater than 5,000mg/kg

最少空气含量: ≥ 5000 mg/kg

Dermal irritation: not found to be irritation to the skin

皮肤发炎：没有发现。

Eye irritation (rabbit):instillation to the eye was found to cause mild irritation.

眼睛发炎：滴到眼睛里会产生轻度的发炎。

Section12 - Ecological Information

第十二部分 生态学资料

Not Available

无资料

Section 13 - Disposal Considerations

第十三部分 废弃处置

Waste disposal methods :Dispose of in compliance with all federal, Nation and local laws and regulations, incineration is the preferred method.

废料处理方式:按照国家和当地的法律和法规处理, 首选方法是焚化。

Section 14 - Transportation Information

第十四部分 运输信息

Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR

不受以下条约监管:《国际危险货物铁路运输欧洲协定》、《欧洲危险货物国际公路运输协定》、《国际海上危险货物运输规则》、《国际民航组织》、《国际航空运输协会危险品手册》。

Section 15 - Regulatory Information

第十五部分 法规信息

Not Classified as Dangerous for Supply/Use

非危险品

OSHA STATUS: Not Listed

职业安全与健康状况：无资料

Section 16 - Other Information

第十六部分 其它信息