



广州白云信港化工有限公司

MATERIAL SAFETY DATA SHEET

物質安全資料表

— 1 —

一. Identifications of Substance and Company

物品與廠商資料

- 1.1 Product Name: HOMOGENISATOR
物品名稱: 加氢石油树脂 W-100
- 1.2 Producer(supplier): GUANZHOU BAIYUN XINGGONG CHEMICAL LTD
製造商 (供應商名稱): 廣州白雲信港化工有限公司
- 1.3 Address: 204,FLOOR 2,BUILDING D, NO.206,YUEXI STREET, TONGDE STREET,BAIYUN DISTRICT,GUANGZHOU
地址: 廣州市白雲區同德街粵溪大街 206 号 D 栋二楼 204
- 1.4 Phone: 020-86488586

二. Composition /Information on Ingredients

成份辨識資料

- 2.1 EP Aromatic hydrocarbons
环保芳烃 $\geq 99.9\%$
- 2.2 CAS NO: 64742-16-1
化学文摘登记号:
- 2.3 According to GHS regulations and does not contain hazardous substance
依 GHS 規範並不含有害危害物質

三. Hazards Identifications

危害辨識資料

- 3.1 Hazard class: Irritating
危險性類別: 刺激性
- 3.2 Health hazard: When heated, smoke and vapor can irritate the respiratory tract.
健康危害: 本品受热时产生的烟雾和蒸气对呼吸道有刺激。
- 3.3 Environmental hazard: Air pollution
環境危害: 对大气可造成污染。
- 3.4 Explosion hazard: High dust content may cause explosions, and granular products are flammable.
燃爆危險: 高粉尘含量可能会引起爆炸, 颗粒产品可燃。
- 3.5 Other hazards: Burns may occur in contact with hot products. This product can accumulate static electricity and may cause fire caused by static electricity release.
其它危害: 与炽热的本产品接触可能会造成灼伤。本产品可积累静电可能会引起静电释放产生的火情。

四. First-aid Measures

急救措施

- 4.1 Inhalation: Do not apply. However, in case of excessive contact with steam or smoke generated under high temperature, the patient should be immediately removed from the danger area. If the patient stops breathing, artificial respiration should be carried out and the patient should be sent to the hospital immediately.
吸入: 不适用。但过量接触高温下产生的蒸汽和或烟雾时, 立即将患者移出危险区, 若患者停止呼吸则要进行人工呼吸, 立即送醫。
- 4.2 Skin contact: Rinse with soapy water and running water. For hot products, immediately soak or rinse the affected skin with plenty of cold water to dissipate heat. Cover affected area with clean cotton cloth or

gauze and seek medical attention immediately.

皮膚接觸：用肥皂水和流動清水沖洗。對於灼熱的本品，應立即用大量冷水浸泡或沖洗受影響皮膚來散熱。用潔淨棉布或紗布覆蓋患處並及時就醫。

4.3 Eye contact: Lift the eyelids, rinse them with flowing water or normal saline for 15 minutes and send them to hospital immediately.

眼睛接觸：提起眼瞼，用流動的清水或生理鹽水沖洗 15 分鐘，立即送醫。

4.4 Eating: Wash with water, if eating material too much, at once to the hospital.

食入：徹底刷口，如吞食過量，請立即送醫。

五. Fire-fighting Measures

滅火措施

5.1 Extinguishing Media: Foam, dry powder, carbon dioxide, water spray.

適用滅火劑：泡沫、干粉、二氧化碳、霧狀水。

Not suitable for fire extinguishing method: direct running water.

不適用滅火方式：直流水。

5.2 Hazardous combustion products: Smoke, fog, carbon oxide, incomplete combustion material, flammable hydrocarbon.

有害燃燒產物：煙、霧、碳氧化物，不完全燃燒物質，易燃烴。

5.3 Combustion limit (approximate volume in air attempt %)

燃燒極限（空氣中近似體積嘗試%）：LEL:N/D UEL:N/D

5.4 Firemen should wear fire-resistant or fire-resistant clothing, face mask, helmet and gloves, and positive pressure self-contained breathing equipment (SCBA).

滅火注意措施及防護措施：消防人員需穿戴耐火或防火的衣服，同時穿戴面罩、頭盔和手套，正壓自給式呼吸設備（SCBA）。

5.5 Fire extinguishing guidance: Make sure to extend the cooling time to prevent reignition. Clear and evacuate the fire area. Prevent dilution from controlled areas into rivers, sewers or potable water supplies.

滅火指導：確保延長冷卻時間防止復燃。清空、疏散着火區域。防止控區的稀釋流出進入河流、下水道或飲用水供應系統。

六. Accidental Release Measures

洩漏處理方法

6.1 Small amount of leakage: Avoid raising dust, sweep it carefully and collect it in a closed container.

小量洩漏：避免揚塵，小心掃起，收集於密封容器中。

6.2 Massive leakage: Cover with plastic cloth and canvas.

Then collect, recycle or transport to the waste treatment site for disposal.

大量洩漏：用塑料布、帆布覆蓋。然後收集回收或運至廢物處理場所處置。

6.3 Other: Granular product spills on hard surfaces present a slip hazard. Avoid spillage into drains.

其它：顆粒產品溢漏在堅硬地面有滑倒的危險。洩漏物避免排入下水道。

七. Safe operation and Storage

安全操作與儲存方法

7.1 Operational matters: Prevent small amounts of leakage and avoid slipping. Normal temperature operation and transportation. Do not handle, store, or open near open flames, heat sources, or fire sources. The product will accumulate static electricity and may spark (ignition). Be careful when storing and handling the

product. In addition to the properties of polymer products, environmental conditions such as humidity, sunlight and temperature during storage and processing may have an impact on product performance.

Extra care must be taken to avoid improper stacking of bagged or other packaged products. In fact, particle size instability may occur in polymer products under certain conditions. Heat generating environment should be avoided during product handling.

操作事項：防止少量泄露避免滑倒。常温操作和运输。不要在接近明火、热源或火源处处理、储存或打开。该产品会积累静电，可能发生电火花（火源）。储存和处理该产品时须小心。除了聚合物产品的特性以外，储存和处理时的环境条件如湿度、阳光和温度对产品性能会有一定影响。须格外小心以避免码垛袋装产品或其他包装形式产品的不恰当堆放。事实上，在特定条件下聚合物产品可能发生粒子尺寸不稳定。在产品搬移过程中应避免能生成热量的环境。

- 7.2 Storage method: Resin softening point below 100°C, more than 30°C, time extension will cause product bonding. Store in a cool, dry and ventilated warehouse away from heat and ignition sources. Avoid high temperatures to extend storage time. Avoid direct sunlight.

儲存方法：树脂软化点在 100°C 以下，超过 30°C，时间延长会引起产品粘接。必须儲存於陰涼乾燥通風的庫房，遠離熱及引火源。避免高温以延长存放时间。避免阳光直射。

- 7.3 Applicable materials and coatings: Paper, steel, polyethylene, polypropylene.

适用的材料和涂层：纸、钢、聚乙烯、聚丙烯。

八. Contact and Precaution

接觸與防護措施

- 8.1 Respiratory protection: 1. If engineering controls do not maintain the concentration of air pollution at a level that can protect the health and safety of workers, a self-suction filter dust mask should be worn. No special requirements under normal conditions and well ventilated conditions.

呼吸系统防护：1. 如果工程控制不能将空气污染的浓度保持在一个能够保护工人健康安全的水平，则需佩戴自吸过滤式防尘口罩。普通条件下和通风良好情况下无特殊要求。

2. For high air pollutant concentrations, an approved oxygen-supplied respirator should be used and operated in positive pressure mode. When oxygen supply is insufficient, gas/steam alarm performance is poor, or air filtration capacity/class is exceeded, self-contained respirators with life-saving oxygen cylinders are preferred.

2. 对于高空气污染物浓度，应使用一个认可的供氧呼吸器，且在正压模式下操作。当供氧量不足、气体/蒸汽报警性能较差时，或者超过空气过滤能力/等级时，选择附带救生氧气瓶的自给型呼吸器比较适当。

- 8.2 Eye protection: If contact is possible, protective goggles with wings are recommended.

眼睛防护：如果有可能发生接触，建议使用带护翼的防护眼镜。

- 8.3 Body protection: Heat - and chemical-resistant aprons and long gloves are recommended if the product is heated.

身体防护：如果产品处于热的状态，推荐使用耐热、耐化学品的围裙及长手套。

- 8.4 Hand protection: Heat resistant gloves are recommended if the product is in a hot state. Long protective gloves are recommended if forearm contact is possible.

手防护：如果产品处于热状态，推荐用耐热手套。如果可能碰到前臂，建议使用长的防护手套。

- 8.5 Other protection: Smoking, eating and drinking are prohibited at the work site. Shower and change clothes after work. Keep good hygiene habits.

其它防护：工作现场禁止吸烟、进食和饮水。工作完毕，淋浴更衣。保持良好的卫生习惯。

8.6 Protective equipment (Graphics)

防护设备(图形)



8.7 Special Precautions: This product will generate steam/smoke during heating. It is recommended that the workplace monitor thermal degradation byproducts (e.g. oxidation components) generated at high temperatures. Ensure that the equipment used to process the product is well ventilated or has other means of controlling exposure. It is recommended to use the current ACGIH-TLVS to observe thermal degradation byproducts.

特殊预防：本产品受热过程中将产生蒸汽/烟雾，建议工作场所应监控在高温条件下生成的热降解副产物（例如氧化成份）。必须确保加工处理本产品的装置通风良好或有控制暴露的其它方式。建议使用目前的 ACGIH-TLVS 观测热降解副产物。

九. Physical and Chemical Property

物理及化學性質

9.1 Exterior: White granule, odorless.

外觀：白色颗粒，无气味。

9.2 Melting point

熔点 (°C): 85°C~110 °C

9.3 Flash point

闪点(°C): N/A

9.4 Natural temperature: Uncertain

自燃温度(°C): 不确定

9.5 Boiling point

沸点(°C): N/A

9.6 Explosion limit (volume % in air) :

爆炸极限（在空气中的体积百分比%）： LEL: N/D UEL: N/D

9.7 Density

密度(18°C): 970 kg/m³ (8.09 lbs/gal, 0.97kg/dm³)

9.8 Vapor density (atmospheric pressure =1)

蒸汽密度（大气压=1）： N/A

9.9 Vapor pressure

蒸汽压： N/A

9.10 Evaporation rate (butyl acetate =1)

蒸发速率(醋酸丁酯=1)： N/A

9.11 PH: N/A

9.12 Kinematic viscosity

运动粘度（190°C mPa·s）： 300

9.13 Molecular weight

分子量： 800~2000

9.14 Hygroscopic

吸湿性： 无

9.15 Water solubility: negligible.

水溶性： 可忽略不计。

十. Stability and Reactivity

安定性及反應性

- 10.1 **Stability:** Storage at room temperature in the closed original is stable.. It is stable during normal handling, use and transportation. Stable in the allowed heating range and exposure to air.
安定性：在封闭的原装中室温贮藏是安定的。在通常的处理、使用和运输过程中是安定的。在允许的加热范围和暴露在空气中是安定的。
- 10.2 **Hazardous reactions during special condition:** Dangerous polymerization does not occur
特殊狀況下可能之危害反應：危險聚合反应不会发生
- 10.3 **Hazardous decomposition products:** Does not decompose at room temperature
危害分解产物：室温条件下不分解
- 10.4 **Materials to avoid:** Strong oxidants, Strong acid
應避免之物資：强氧化剂、強酸

十一. Toxicological Information

毒性資料

- 11.1 **Acute toxicity:** Minimal toxicity. Based on the test data of structurally similar substances.
急毒性：最小毒性。根据结构相似物质测试数据所得。
- 11.2 **Toxicity:** No data
亚急性和慢性毒性：無数据
- 11.3 **Thrill:** Dust may be irritating to eyes and respiratory tract. High temperature or mechanical operation may form vapor, mist or thick smoke to irritate eyes and respiratory tract.
刺激性：粉尘可能会刺激眼睛和呼吸道，高温或机械运作可能形成蒸汽，薄雾或者浓烟刺激眼睛和呼吸道。
- 11.4 **Mutagenicity:** No data
致突变性：無数据
- 11.5 **Teratogenicity:** No data
致畸性：無数据
- 11.6 **Carcinogenicity:** No data
致癌性：無数据
- 11.7 **Others:** Irritation of eyes and respiratory tract may result from steam, mist or smoke caused by high temperature or mechanical operation. Polymers contain additives. The additives included under normal processing and use conditions are not expected to cause health hazards.
其它：高温或机械运作可能形成蒸汽，薄雾或者浓烟刺激眼睛和呼吸道。聚合物含有添加剂。预计在正常加工和使用条件下被包含的添加剂不会造成健康危害。
- 11.8 **IARC classification, Ingredients listed in the table below:** None.
IARC 分类，列下下表的成分：无。
Legal compliance list survey:
法律符合性清单调查：1 = IARC 1; 2 = IARC 2A; 3 = IARC 2B

十二. Ecological Information

生態資料

- 12.1 **May be effect environment:** Air pollution
可能之環境影響：对大气可造成污染。

- 12.2 Biodegradability: This product is expected to be persistent.
生物降解性：本品预计具有持久性。
- 12.3 Potential bioenrichment: Potential bioenrichment is low.
潜在生物富集：潜在的生物富集度低。
- 12.4 Mobility: Low solubility, floats and is expected to migrate from water to land. Separation of sediment and solid waste water is required.
迁移性：低溶解度，可漂浮并预计能够从水中迁移至陆地。要求分离沉淀物和固体废水。

十三. Disposal Method

廢棄處置方法

- 13.1 Nature of waste: Refer to relevant national and local regulations before disposal. Incineration in an incinerator is recommended.
废弃物性质：处置前应参阅国家和地方有关法规。建议以焚化炉中焚烧。
- 13.2 Waste disposal method: Dispose of in accordance with relevant national and local regulations, supervise incineration or recycling.
废弃处理方法：根据国家和地方有关法规的要求处置，监管焚烧或回收处理。

十四. Transport Information

運輸信息

- 14.1 Land transport: Not dangerous to transport, not regulated.
陆运：非危险运输品，不受管制。
UN code: None
UN 编码：无
- 14.2 Sea transportation: Not dangerous to transport, not regulated.
海运：非危险运输品，不受管制。
UN code: None
UN 编码：无
- 14.3. Air freight: Not dangerous to transport, not regulated.
空运：非危险运输品，不受管制。
UN code: None
UN 编码：无
- 14.4 This product is not hazardous. Please comply with national and international transportation regulations during transportation.
该产品没有危险。运输时请遵守国家和国际运输规则。

十五. Statute Information

法規資料

- 15.1 According to the European Hazardous Substances/Preliminary Directive definition/Hazardous Chemicals List 2002 edition, this product is not hazardous substances.
根据欧洲危险物质/预备指示定义/《危险化学品名录》2002版，本产品不属于危害性物质。
- 15.2 EU labelling: According to EEC instructions, this product is not subject to regulatory restrictions.
EU 标签：根据 EEC 指示，本产品不受法规限制。

15.3 Regulatory status and applicable laws and regulations: the following national chemical inventory requirements shall be followed: TSCA, EINEC, IECSC
法规地位和可适用法律法规: 应遵循下述国家/地区化学物质库存要求: TSCA, EINEC, IECSC

十六. Other Information

其他資料

16.1 Statement: This SDS is based on our current knowledge and provides the correct safety precautions required for chemicals. This document is not a guarantee of the characteristics of the product, nor is it a legally binding contractual relationship. This note is for industrial use only and should not be used for pharmaceutical or other purposes.

声明: 本 SDS 是以我们现有的知识而撰写, 提供了有关化学品所需正确的安全注意事项。此文件并非为产品特性之保证, 也不为具有法律效力的合同关系。本说明仅供工业生产使用, 不能用作药物或其它用途。

16.2 Reference

参考文献

1. Global Harmonization system for GHS Chemicals
GHS 化学品全球调和制度
2. Classification, Labelling and Packaging of Chemical Substances and Mixtures
化学物质和混合物分类、标示与包装法规 (Regulation(EC)No.1272/200/)

16.3 Drawing by: GUANZHOU BAIYUN XINGGONG CHEMICAL LTD

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16.4 Data review: Xingang Chemical Laboratory, He Songwen

数据审核: 信港化工实验室, 何颂文

16.5 Tabulating date

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