



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: Light Calcium Carbonate

物品名稱: 轻质碳酸钙

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 Calcium Carbonate

碳酸鈣(干基) ≥ 98.6% CAS NO: 471-34-1

2.2 Molecular formula

分子式 CaCO₃

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: No classification is required based on existing information.

危險性類別: 根据现有信息无需进行分类。

3.2 Health hazard: Direct eye contact, may cause mechanical eye irritation; Direct skin contact, may cause slight skin dryness; Inhalation can cause chest tightness, chest pain, cough, etc.; Ingestion may cause abdominal pain or discomfort.

健康危害: 眼睛直接接触, 可引起机械性刺激眼部; 皮肤直接接触, 可引起轻微皮肤干燥; 吸入可引起胸部紧束感、胸痛、咳嗽等; 食入可导致腹痛或不适。

3.3 Environmental hazard: No

環境危害: 無

3.4 Explosion hazard: Non-combustible

燃爆危險: 本品不燃

四. First-aid Measures

急救措施

4.1 Inhalation: Move to fresh air. If breathing is difficult, give oxygen and send to a doctor immediately.

吸入: 移至新鮮空氣處。如呼吸困难, 给输氧, 立即送醫。

4.2 Skin contact: Take off contaminated clothes and wash with soapy water and running water.

皮膚接觸: 脱去污染衣着, 用肥皂水和流動清水冲洗。

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: 提起眼睑, 用流動的清水或生理盐水冲洗 15 分钟, 立即送醫。

4.4 Eating: Brush your mouth thoroughly and take milk, soybean milk or egg white orally. If you swallow too much, please send to a doctor immediately.

食入：徹底刷口，口服牛奶、豆漿或蛋清，如吞食過量，請立即送醫。

五. Fire-fighting Measures

滅火措施

5.1 Extinguishing Media: Chemical dry powder, carbon dioxide, sand.

適用滅火劑：化學干粉、二氧化碳、砂土。

5.2 Not suitable for fire cutting: there is no limit to the extinguishing agent applied to this substance or mixture.

不適用滅火劑：施用于此物质或混合物的灭火剂无限制。

5.3 Hazardous combustion products : CO₂

有害燃燒產物：二氧化碳

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）。

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. It can also be washed with a large amount of water and diluted into the wastewater system.

小量洩漏：避免揚塵，小心掃起，收集于密閉容器中。也可用大量水沖洗，洗水稀釋後放入廢水系統。

6.2 Massive leakage: Collect, recycle or transport to waste treatment site for disposal.

大量洩漏：收集回收或運至廢物處理場所處置。

6.3 Environmental precautions: Avoid drainage into the sewer.

環境保護措施：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: Light handling, avoid dust, wash thoroughly with water and soap after work.

操作事項：輕裝卸，避免粉塵，工作完後應用水和肥皂徹底清洗。

7.2 Storage: Store in a cool, dry and ventilated warehouse, with electrical/ventilation/lighting/equipment to prevent dust explosion.

儲存方法：儲存於陰涼乾燥通風的庫房，用預防粉塵爆炸的電氣/通風/照明/設備。

Keep away from heat and ignition sources. Store separately from acids, bases and oxidants

遠離熱及引火源。與酸、鹼、氧化劑分開存放。

八. Contact and Precaution

接觸與防護措施

8.1 Respiratory protection: In general, no special protection is required. If the dust depth in the air exceeds, wear a self-priming filter dust mask.

呼吸系統防護：一般情況下不需要特殊防護。如果空氣中粉塵深度超過，佩戴自吸過濾式防塵口罩。

8.2 Eye protection: In general, no special protection is required. Wear chemical safety goggles as required by

specific regulations after risk assessment.

眼睛防护：一般情况下不需要特殊防护。风险评估后根据特定法规要求佩戴化学安全防护眼镜。

8.4 Body protection: Wear general work clothes.

身体防护：穿一般工作服

8.5 Hand protection: Protective gloves.

手防护：防护手套。

8.6 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。

九. Physical and Chemical Property

物理及化學性質

9.1 Exterior: White powder, odorless

外觀：白色粉末，无臭。

9.2 Specific Gravity:

比重：2.4

9.3 PH: N/A

9.4 Melting point:

熔点(°C)：1000°C

9.5 Boiling point:

沸点(°C)：N/A

9.6 Spontaneous combustion temperature: Meaningless

自燃温度(°C)：无意义

9.7 Critical temperature (°C): Meaningless

临界温度(°C)：无意义

9.8 Critical pressure (MPa): Meaningless

临界压力(MPa)：无意义

9.9 Flash point:

闪点(°C)：N/A

9.10 Ignition temperature: This product is not flammable

引燃温度：本品不易燃

9.11 Explosive upper/Lower limit %(V/V) : non-explosive

爆炸上限/下限%(V/V)：非爆炸物

9.12 Vapor pressure:

蒸气压：--

9.13 Vapor density: --

蒸气密度：--

9.14 Solubility: Do not dissolve in water, soluble in acid.

溶解性：不溶於水，溶於酸。

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：危險聚合反應不會發生。

10.3 Hazardous decomposition products: No

危害分解產物：無

10.4 Materials to avoid: Strong oxidants, strong acids.

應避免之物資：強氧化劑、強酸。

十一. Toxicological Information

毒性資料

11.1 Acute toxicity: No data

急毒性：無資料

11.2 Toxicity: No data

亞急性和慢性毒性：無資料

11.3 Skin corrosion/irritation: Prolonged or repeated exposure may dry skin and cause irritation.

皮膚腐蝕/刺激性：長期或反復接觸可能使皮膚乾燥並引起刺激。

11.4 Eye Damage/Irritation: Dust contact with eyes can cause mechanical irritation.

眼睛損傷/刺激性：粉塵與眼睛接觸會導致機械性刺激。

11.5 Mutagenicity: No data

致突變性：無資料

11.6 Teratogenicity: No data

致畸性：無資料

11.7 Carcinogenicity: No data

致癌性：無資料

十二. Ecological Information

生態資料

12.1 Ecotoxicological toxicity: None

生態毒理毒性：無

12.2 Biodegradability: None

生物降解性：無

12.3 Non biodegradability: None

非生物降解性：無

12.4 Bioaccumulation: This product does not have bioaccumulation.

生物蓄積性：本品不具有生物蓄積性。

12.5 Mobility in soil: No data

土壤中的遷移性：無數據

十三. Disposal Method

廢棄處置方法

13.1 Nature of waste: This product is harmless if handled in a standard manner. Refer to relevant national and local regulations before disposal.

廢棄物性質：本產品若按標準的方法處置是沒有危害的。處置前應參閱國家和地方有關法規。

13.2 Waste disposal method: dispose, bury, burn or recycle according to the requirements of relevant national and local laws and regulations.

废弃处理方法：根据国家和地方有关法规的要求处置，掩埋、焚燒或回收处理。

13.3 Precautions for waste: Select a qualified waste treatment insurer.

废弃注意事项：选择有资质的废弃处理承保人。

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 Occupational Safety and Health Act

职业安全卫生法

15.2 ISO 11014-2009 Chemical products safety data sheet content and sequence section

ISO 11014-2009 化学用品安全资料表内容和排列顺序章节

15.3 Road traffic safety rules

道路交通安全规则

15.4 Storage, removal and disposal methods and facility standards for business waste

事业废弃物保存清除处理方法及设施标准

15.5 Permissible exposure standards for workers in workplaces

劳工作业场所容许暴露标准

15.6 Regulation (EC) No 1272-2013 regulation on the classification, labelling and packaging of substances and mixtures.

法规（EC）No 1272-2013 物质及混合物分类、标签和包装法规。

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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16.5 Tabulating date

製表日期：10.MAR.2024

16.6 Version: from the twelfth edition of 2008, numbered 2032XG-028

版本：自 2008 年第十二版，编号 2023XG-028