

一. Identifications of Substance and Company

物品與廠商資料

- 1.1 Product Name: ANTI-WEAR AGENT
物品名稱：橡膠耐磨劑 SI-50
- 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 D double - (r - triethoxy silicon propyl) – four sulphide CAS NO: 40372-72-3
双（三乙氧基硅丙基）四硫化物 ≥60% 化学文摘登记号：
N-(2,4,5-trichlorophenyl)acetamide CAS NO: 23627-24-9
三元乙丙橡胶 ≥25% 化学文摘登记号：
Reinforcing agent
补强剂 ≤15%
- 2.2 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: Irritating to skin on repeated contact, may irritate eyes, harmful if swallowed.
健康危害：反复接触对皮肤有刺激，可能刺激眼睛，吞咽有害。
- 3.3 Environmental hazard: No environmental hazard under normal operation
環境危害：常规操作下无环境危害。
- 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: If coughing, shortness of breath or other breathing problems occur, move the patient to fresh air. If symptoms persist, seek medical attention.
吸入：若咳嗽、呼吸急促或其他呼吸问题发生，将患者移至空气新鲜处。若症状持续，就医。
- 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，用肥皂水和流动清水冲洗。
- 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，用流动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、豆浆或蛋清，如吞食過量，請立即送醫。

五. Fire-fighting Measures

滅火措施

- 5.1 Extinguishing Media: Water mist, alcohol-resistant foam, dry powder or carbon dioxide extinguishing.
適用滅火劑：水霧、耐醇泡沫、干粉或二氧化碳。
- 5.2 Not suitable Extinguishing Media: No report.
不適用滅火劑：未见报道。
- 5.3 Firemen should wear fire-resistant or fire-resistant clothing, face mask, helmet and gloves, and positive pressure self-contained breathing equipment (SCBA).
灭火注意措施及防护措施：消防人员需穿戴耐火或防火的衣服，同时穿戴面罩，头盔和手套，正压自给式呼吸设备（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.
小量泄漏：避免扬尘，小心扫起，收集于密闭容器中。也可用大量水冲洗，洗水稀释后放入废水系统。
- 6.2 Massive leakage: Collect, recycle or transport to waste treatment site for disposal.
大量泄漏：收集回收或运至废物处理场所处置。
- 6.3 Environmental precautions: Avoid drainage into the sewer.
环境保护措施：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，工作完后应用水和肥皂彻底清洗。
- 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，用预防粉尘爆炸的电气/通风/照明/设备。
Keep away from heat and ignition sources. Store separately from strong acids and oxidants.
遠離熱及引火源。與強酸、強氧化劑分開存放。

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.
呼吸系统防护：一般情况下不需要特殊防护。如果空气中粉尘深度超过，佩戴自吸过滤式防尘口罩。
- 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目镜。
- 8.3 Body protection: Heat-resistant protective clothing (long-sleeved work clothes).
身体防护：耐热防护服（长袖工作服）

- 8.4 Hand protection: Protective gloves.
手防护: 戴乳胶手套。
- 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。

九. Physical and Chemical Property

物理及化學性質

- 9.1 Exterior: Yellowish particle
外觀: 淡黄色颗粒。
- 9.2 PH: Not applicable
PH 值: 不适用
- 9.3 Melting point:
熔点(°C): N/A
- 9.4 Specific gravity:
比重 (g/cm³): 1.21
- 9.5 Spontaneous combustion temperature: Meaningless
自燃温度(°C): 无意义
- 9.6 Critical temperature (°C): Meaningless
临界温度(°C): 无意义
- 9.7 Critical pressure (MPa): Meaningless
临界压力(MPa): 无意义
- 9.8 Flash point:
闪点(°C): N/A
- 9.9 Ignition temperature: This product is not flammable
引燃温度: 本品不易燃
- 9.10 Explosive upper/Lower limit %(V/V) : non-explosive
爆炸上限/下限%(V/V): 非爆炸物
- 9.11 Vapor pressure:
蒸气压: --
- 9.12 Vapor density: --
蒸气密度: --
- 9.13 Solubility: Insoluble in water.
溶解性: 不溶于水。

十. Stability and Reactivity

安定性及反應性

- 10.1 Stability: stable at room temperature and pressure. It is stable during normal handling, use and transportation. Stable in the allowed heating range and exposure to air.
安定性: 常温常压下稳定。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: CO/CO₂/SO₂
危害分解产物：碳氧化物、硫化物
- 10.4 Materials to avoid: Strong oxidants, Strong acid
應避免之物资：強氧化劑、強酸
- 10.5 Conditions to avoid: Away from heat, sparks, flames and static electricity.
應避免之状况：远离受热、火星、火焰和静电。

十一. Toxicological Information
毒性資料

- 11.1 Acute toxicity: Ingestion acute toxicity (LD₅₀)>7950mg/kg (oral in mice)
急毒性：食入急毒性 (LD₅₀) >7950mg/kg (小鼠经口)
- 11.2 Toxicity: None
亚急性和慢性毒性：無
- 11.3 Skin corrosion/irritation: Prolonged or repeated exposure may dry skin and cause irritation.
皮肤腐蚀/刺激性：长期或反复接触可能使皮肤干燥并引起刺激。
- 11.4 Eye Damage/Irritation: Dust contact with eyes can cause mechanical irritation.
眼睛损伤/刺激性：粉尘与眼睛接触会导致机械性刺激。
- 11.5 Mutagenicity: No data
致突变性：無资料
- 11.6 Teratogenicity: No data
致畸性：無资料
- 11.7 Carcinogenicity: No data
致癌性：無资料

十二. Ecological Information
生態資料

- 12.1 Ecotoxicological toxicity: No data
生态毒理毒性：無資料
- 12.2 Biodegradability: No data
生物降解性：無資料
- 12.3 Non biodegradability: No data
非生物降解性：無資料
- 12.4 Bioaccumulation: This product does not have bioaccumulation.
生物蓄积性：本品不具有生物蓄积性。
- 12.5 Mobility in soil: No data.
土壤中的迁移性：無资料

十三. Disposal Method
廢棄處置方法

- 13.1 Nature of waste: Waste products can be disposed of in landfill, and should be disposed of in accordance with relevant national and local waste regulations. Contaminated packaging and containers should be treated in the same way.
废弃物性质：废弃产品可选择填埋处理，处置时应遵循国家和地方相关废弃物法规处置。受污染的包装和容器也应作同样处理。

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、焚烧或回收处理。

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：無

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：無

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：無

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 Law of the People's Republic of China on prevention of occupational diseases: classified catalogue of occupational hazards (2015): not included

中华人民共和国职业病防治法：职业病危害因素分类目录(2015)：未列入

15.2 Regulations on the safety management of dangerous chemicals: Catalogue of dangerous chemicals (2015): not included

危险化学品安全管理条例：危险品化学品目录（2015）：未列入

15.3 List of easily exploded dangerous chemicals (2017): not included

易制爆危险化学品名录（2017）：未列入

15.4 List of Hazardous Chemicals under Key Supervision: List of First and Second Batches of Hazardous Chemicals under Key Supervision: Not included

重点监管的危险化学品名录：首批和第二批重点监管的危险化学品名录：未列入

15.5 Registration Measures for Environmental Management of Hazardous Chemicals (Trial Implementation): Catalogue of Hazardous Chemicals for Key Environmental Management: Not included

危险化学品环境管理登记办法（试行）：重点环境管理危险化学品目录：未列入

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

製表單位：廣州白雲信港化工有限公司

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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