

MATERIAL SAFETY DATA SHEET(MSDS)

物質安全資料表

1	supplier information 供應商資料	product: 物品名稱: SAK Calcium Stearate			
		supplier: Sun Ace Kakoh (Pte) Ltd 供應商名稱: 三益化工私人有限公司			
		address: 34 Tanjong Penjur, Jurong Town, Singapore 609030 地址: 新加坡裕廊鎮丹戎本萊魯34號, 609030郵區			
		telephone: 電話: (65) 6264 0255			
		emergent contact: Chemist 緊急聯絡人: 化学师	telephone: 電話: (65) 6264 0255	fax: 傳真: (65) 6265 7038	
2	composition data 成份辨識資料	Chinese and English name: Calcium Stearate 中英文名稱: 硬脂酸鈣			
		major component 主要物質成份		CAS NO. 化學文摘社登記號	
		component 成份名稱	content(%) 含量(%)		TLV
		Calcium Stearate硬脂酸鈣	> 96%	1592-23-0 / 85251-71-4	10mg/m³ (as stearate)
3	hazard identification 危害辨識資料	the most hazardous effect: None know, product is of low toxicity 最重要危害效應 健康危害效應: 从未有报道, 是低毒性的产品 環境影響: Dust pollution 粉尘影响			
		physical and chemical hazard: Stable under normal condition 物理性及化學興危害: 在正常情况下, 产品的性能是稳定的			
		special hazard: Explosive hazard when concentrated dust is present. 特殊危害: 当粉尘浓度高时, 具有爆炸性			
4	first aid 急救措施	first aid of different exposure: 不同暴露途徑之急救方法: Eye contact: Flush with clean water. Seek medical advice if irritation persist 眼睛接触: 用清水冲洗, 当刺激持续时, 必须看医生 Skin contact: Wash with clean water. 皮肤接触: 用清水洗 Inhalation: Remove from exposure. 吸入时: 移走暴露的产品。			
		protection for personnels: Gloves, dust mask 對急救人員防護: 手套, 防尘口罩			
5	fire-fighting measures 滅火措施	fire extinguisher media: Foam, Dry Powder, CO₂ 適用滅火器: 泡沫, 干粉, 一氧化碳			
		Unusual fire and explosion hazards: Concentrated dust may present an explosion hazard 滅火時可能遭遇特殊危害: 高浓度粉尘可能导致爆炸伤害			
		special fire fighting procedures: Avoid high pressure; avoid dust cloud, burning will produce toxic fume 特殊滅火程序: 避免高压, 避免尘雾, 燃烧时会产生有毒的烟			
		special protecting facility for personnels: wear self-containing breathing apparatus and full turnout gear and chemical resistant personal protective equipment 消防人員之特殊防護設備: 穿戴防护服, 呼吸设备, 以及防化学腐蚀的保护装置			
6	accidental release measures 洩漏處理方法	notice for individual: Use dust respirator, gloves and safety goggles 個人應注意事項: 使用防尘呼吸器, 手套和护目镜			
		clearance method: Remove all sources of ignition. Pick up spill with vacuum cleaner or cover with damp sand or sawdust if sweep. 清理方法: 移走所有可能产生电火花的设备, 使用吸尘器, 或者使用湿的沙子或锯屑.			
7	handling and storage 安全處置與儲存方法	handling: Open packaging bag carefully to avoid spillage; wash hand after handling 处理: 小心打开包装袋, 避免溢落, 完成后洗手			
		storage: Cool, dry, avoid exposure to sunlight and keep away from food. 儲存: 阴凉干燥处, 避免暴露在阳光下, 远离食品			

8	exposure control/ personal protection 暴露預防措施	engineering control: Use local ventilat ion if dust is a problem. To maintain air levels below recommended exposure limit. 工程控制: 如果粉尘严重,应使用局部通风换气,确保粉尘浓度在推荐的范围之下			
		parameter control: Emergency eye-wash should be available. Educate & train employees in the safe use & handling of chemicals. 參數控制: 使用紧急冲眼设备, 教育和培训员工安全使用和处理化学品			
		respiratory protection: Dust respirator 呼吸防護: 防尘呼吸器		eye protection: Safety goggles but not essential 眼瞞防護: 护目镜(并非必须)	
		hand protection: Gloves 手部防護: 手套		skin and body protecting: Overall & Dust cloth 皮膚及身體防護: 全身防尘服	
		industrial hygiene measure: Observe good personal hygiene practices. Was hand after handling and keep away from food 衛生措施: 养成良好的个人卫生习惯,接触后洗手,远离食品			
9	physical and chemical properties 物理及化學性質	substance state: Solid 物質狀態: 固体		shape: Fine Powder 形狀: 粉末	
		colour: Neutral White 顏色: 白色		smell: Faint fatty odour 氣味: 淡的脂肪味	
		PH value: - PH值: -		boiling point: Not Applicable 沸點/沸點範圍: 不适应	
		decomposition temperature: >220°C 分解溫度: >220°C		flash point:- 閃火點: -	
specific gravity: 1.1 密度: 1.1		solubility: Insoluble in water 溶解度: 不溶于水			
10	stability and reactivity 安定性及反應性	stability: Stable under normal conditions of storage and transport 安定性: 在正常的儲存和运输条件下,性能穩定			
		possible harmful reaction under special condition: Hazardous polymerisation will not occur 特殊狀況下可能危害反應: 不会发生危险的聚合反应			
		avoiding state: Excessive temperature 應避免狀況: 过高的溫度			
		materials to avoid: Strong Oxidisers 應避免之物質: 强氧化性物质			
		hazardous decomposition products: Calcium oxide fume, carbon monoxide and hydrocarbon 危害分解物: 氧化钙烟,一氧化碳和碳氢化合物			
11	toxicological information 毒性資料	acute toxicity: Not known 急毒性: 未有报道过		sensitivity: Might cause irritating to the skin and eye on contact. Inhalation will cause irritation 致敏感性: to the lungs and mucus membrane , 接触皮肤和眼睛,会有刺激性;吸入的话,会刺激肺和粘膜	
		local effect: Not known 局部效應: 未有报道过			
		slow or long toxicity: This product has no known chronic effects 慢毒性或長期毒性: 没有慢性毒害			
		special effect: Not available at this time 特殊效應: 不适应此条款			
12	ecological information 生態資料	possible environment effect or spread: No data available at this time. Product should be prevented from entering drains, sewers, streams, etc 可能環境影響/環境流佈: 没有数据参考,应避免流入下水道,污水沟和河流			
13	disposal consideration 廢棄處置方法	method: Disposed according to local regulation and act 廢棄處置方法: 根据当地的法规处理			
14	transport information 運送資料	international transport rule : Not Classified 國際運送規定: 没有分类			
		UN's NO. : Not Classified 聯合國編號: 没有分类			
		domestic transport rule: Act according to local requirement 國內運送規定: 按照当地的法规要求			
		special transport method and notice: Not Classified 特殊運送方法及注意事項: 没有分类			
15	regulatory information 法規資料	applicable law: Not classified. Handle in accordance with good industrial hygiene and safety practice. 適用法規: 没有分类,按照工业卫生和安全惯例处理			
16	other information 其它	reference: - 參考文獻: rev 0			
		establishing date: 製表日期: 15 February 2011	year 年	month 月	date 日