

物质安全资料表
Material Safety Data Sheet

一、物品與廠商資料 Identification Of The Substance And Company Profile

物品名稱 Product Information: NX-394
製造商名稱、地址及電話 Manufacturer Name, Address, Phone 製造商: 南欣控股/吉安迅达科技有限公司 Manufacturer: NANXIN HOLDINGS/JIAN XUNDA TECHNOLOGY CO., LTD 地址: 广东省东莞市南城区蛤地社区大新路北二街8号天街创意园1栋 Add: Building 1, Tianjie Creative Park, No.8, Beier street, Daxin Road, Gedi community, Nancheng District, Dongguan City, Guangdong Province, China.
緊急聯絡電話/傳真電話 Emergency Phone / Fax: (86) 0769-88331103/(86)0769-88331102
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二、危害辨识数据 Hazard Identification

物品危害分類 Product Hazard Class	易燃液體第 2 類 Flammable liquid, Category 2 急毒性物質第 4 類 Acute toxicity substance, category 4 腐蝕/刺激皮膚物質第 3 類 Corrode / irritate skin substance, Category 3 嚴重眼睛損傷/刺激眼睛物質第 2A 類 Serious eye damage / eye irritation substance, category 2A 特異性靶器官系統毒性 (重複接觸) 第 2 類 Specific target organ toxicity (repeated exposure), Category 2
象形圖 Pictogram	火焰 Flame 健康危害 Health hazard 刺激危害 Irritation hazard <div style="text-align: center; margin-top: 10px;">  </div>
警示語 Signal Word	危險 Danger
主要危害物質 Main Hazard Components	乙酸乙酯 Ethyl acetate 烴類溶劑 Hydrocarbon solvent
危害警告資訊 Warning for Hazard	高度易燃液體和蒸氣 Highly flammable liquid and vapor. 吞咽或吸入有害 Harmful if swallowed or inhaled. 造成輕微皮膚刺激 Causes mild skin irritation. 造成嚴重眼刺激 Causes serious eye irritation. 長期或重複接觸可能會對器官造成傷害 Long-term or repeated exposure will cause damage to organs.
危害防範措施 Prevention for Hazard	遠離火源, 禁止吸煙 Keep away from fire sources. No smoking. 操作時需通風良好, 不用時將容器蓋緊 Operating in well-ventilated area, closing up the container after using. 按要求佩戴防護口罩和手套, 操作後徹底清洗 Wearing respirator and gloves, cleaning completely after operation. 禁止廢棄物排入環境 Waste must not be disposed into environment.
主要症狀 Major Symptoms	在濃度為 200ppm 的環境下 8 小時, 會引起疲勞、虛弱和頭昏目眩; 200ppm for 8 hours may result in fatigue, weakness and dizziness. 在濃度為 600ppm 的環境下 8 小時, 會引起興奮、頭痛、頭暈和噁心;



600ppm for 8 hours may result in excitation, headache, dizziness and nausea.
 如果接觸到眼睛會有刺激感，但 48 小時後會恢復。
 Contact with eyes may cause irritation which can recover in 48 hours.

三、成分辨识资料 Composition/Information on Ingredients 混合物 Mixture

化學性質 Chemical Character:			
物質成分 Components	化學文摘登記號碼 CAS No.	含量 (成分百分比) % Content (Percentage)	NFPA 危害等級 NFPA Hazard Rating
乙酸乙酯 Ethyl acetate	141-78-6	40-45	H: 1 / F: 3 / R: 0
烴類溶劑 Hydrocarbon solvent	8006-61-9	30-35	H: 1 / F: 3 / R: 0
合成樹脂 Synthetic Resins	8050-31-5	25-30	N/A

* H: 健康 Health F: 火災 Fire R: 反應 Reactivity

四、急救措施 First Aid Measures

<p>不同暴露途徑之急救方法 Emergency and First Aid Procedures:</p> <p>吸入: 移至空氣清新處, 若呼吸停止, 應進行人工呼吸, 保持溫暖, 盡速送醫院治療。 Inhalation: Remove to well-ventilated area. If breathing is difficult, supply artificial respiration. If not breathing, institute CPR and get medical advice.</p> <p>皮膚接觸: 用肥皂或溫和的清潔劑及水清洗, 去除污染衣物, 若刺激仍在, 應立即送醫。 Skin Contact: Remove contaminated clothing immediately. Flush the contaminated skin with soap and water. Get medical attention.</p> <p>眼睛接觸: 用大量清水沖洗, 偶爾翻開眼瞼, 若刺激仍在, 應立即送醫。 Eye Contact: Immediately flush with water. Get medical attention.</p> <p>食入: 用水漱口, 飲足量溫水, 不要催吐, 應立即送醫。 Ingestion: Do not induce vomiting. Seek urgent medical advice.</p>
<p>最重要症狀及危害效應 Major Symptoms and Hazardous Effect: -</p> <p>對急救人員之防護: 穿戴供壓式或正壓式全面自攜式呼吸器。 First-Aid Personal Protection: Wear a respirator and protective uniform.</p>
<p>對醫師之提示 Prompt from Doctor:</p>

五、滅火措施 Fire fighting Measures

<p>適用滅火劑: 二氧化碳、化學乾粉、泡沫滅火器。 Suitable Extinguishing Media: Carbon dioxide, Dry chemical, Foam.</p>
<p>滅火時可能遭遇之特殊危害: 產生一氧化碳。 Special Exposure Hazards: Creation of carbon monoxide.</p>
<p>特殊滅火程式 Special Extinguishing Procedure: 水並非適合的滅火媒介, 但可以用水噴射著火的容器以降溫。 Water is not preferable extinguishing medium, but water spray should be used to cool</p>

<p>fire-exposed containers. 撤退人員至安全地方。 Evacuate persons to the safe area. 在沒有危險的情況下，截斷可燃的燃料。 Shut off fuel to fire if possible to do so without hazard. 安置人員遠離火場並處於逆風處。 Keep persons away from the scene and stay at upwind of fire.</p>
<p>消防人員之特殊防護設備：穿戴防毒面具和防火衣物。 Special Protective Equipment: Wear respiratory protection equipment and fireproof clothes.</p>

六、泄漏处理方法 Accidental release Measures

<p>個人應注意事項 Personal Precautions: 撤退不必要的人。 Evacuate non essential persons. 穿戴正壓自攜式呼吸器。 Wear the positive pressure and self-contained respirator.</p>
<p>環境注意事項：清除所有易燃物品，保持洩漏地區的通風和移開熱源及火源。 Environmental Protection: Eliminate all sources of ignition and ventilate the area.</p>
<p>清理方法：盡可能回收或用沙子、鋸屑等吸收外泄物，並避免流入下水道以免阻塞。 Methods for Cleaning up: Recycle for reuse, or drain the spilt liquid with sand, sawdust and other materials to prevent it from entering into the sewage system for the risk of blockage.</p>

七、安全处理与儲存方法 Safe Handling And Storage Measures

<p>處置 Handling: 關掉所有火種及電力（火花及熱力）點火裝置及其他正在使用的點火器直至所有氣霧散。 Shut off all gas pilot and electrical (spark or hot wire) igniters and other sources of ignition during use and until all vapors (odors) are gone. 只在通風良好的場所使用。 Use only in the well-ventilated areas. 在作業場所裝設緊急淋浴及洗眼設備。 Make emergency shower and eyes wash available in the work area. 避免接觸皮膚和眼睛。 Avoid directly contact with skin or eyes.</p>
<p>儲存：存儲於陰涼、乾燥、通風好的地區（5-40℃），遠離火源、熱源、氧化劑。 Storage: Keep ventilation well and make sure the temperature is between 5-40℃. Keep away from sources of fire, heat sources and oxidant.</p>

八、暴露预防措施 Exposure Control/Personal protection

<p>工程控制 Engineering Control: 安裝排氣系統，以保持空氣中的濃度在暴露限制。 Use local exhaust ventilation etc. to keep air-born concentration below exposure limit.</p>			
<p>控制參數 Control Factor</p>			
物質 Substances	八小時日時量平均容許濃度TWA(PPM)	短時間時量平均容許濃度 STEL(PPM)	最高容許濃度 CEILING(PPM)
乙酸乙酯 Ethyl acetate	400	500	-



烴類溶劑 Hydrocarbon solvent	300	500	-
生物指標 Biotic Index			
物質 Substances	LD50 (mg/kg)		LC50
乙酸乙酯 Ethyl acetate	5620		5760 mg/m3/8hrs.
烴類溶劑 Hydrocarbon solvent	67000		103000 mg/m3/2hrs.
個人防護設備 Personal Protection Equipment:			
<ul style="list-style-type: none"> ● 呼吸防護 Respiratory Protection: 戴防護口罩 Wear a air-supplied respirator. ● 手部防護 Hand Protection: 戴手套 Wear gloves. ● 眼睛防護 Eye Protection: 戴護目鏡 Wear goggles. ● 皮膚及身體防護 Skin & Body Protection: 穿防護衣 Wear protective clothing. 			
衛生措施: 遵循一般防護措施, 衣物被污染應即更換, 工作後洗淨雙手。 Hygiene Procedures: Observe the common precautionary measures, contaminated clothes must be changes immediately. Wash hands after work is completed.			

九、物理及化学性质 Physical and Chemical Properties/Characteristics

物質狀態: 粘液 Appearance: Viscous liquid	形態: 液體 Form: Liquid
顏色: 淡黃色 Color: Light yellow	氣味: 烴類溶劑味 Odor: Hydrocarbon solvent odor
pH 值 pH: -	沸點/沸點範圍: 56-110 °C Boiling Point / Boiling Range:
熔點 Melting Point: -	易燃性 (固體、氣體) : - Flammability(Solid, gas):
分解溫度: - Decomposition Temperature:	閃火點 Flash Point: -17 °C 測試方法: 開杯 閉杯 √ Test Method: Open Cup Close Cup √
自燃溫度 Ignition Temperature: 465 °C	爆炸界限 Exposure Limits: 1.2-13.0%
蒸氣密度 Vapor Density: >空氣 air	飽和蒸氣壓 Vapor Pressure: mmHg
相對密度(水=1) Relative Gravity: 0.86 g / ml	溶解度: 不溶于水 Solubility In Water: Insoluble
嗅覺閾值 Odor Threshold: -	揮發速率 Evaporation Rate: -
辛醇/水分配係數 Partition Coefficient(n-octanol/ water, log kow): -	

十、安定性及反应性 Stability and Reactivity

安定性 Stability: : 正常情況下安定 Stable under normal conditions.
特殊狀況下可能之危害反應 Special Conditions Of Hazardous Reaction: 無 No.
應避免之狀況: 遠離火源 Conditions To Avoid: Keep away from flame.

應避免之物質 Incompatibility: 強氧化劑 Strong oxidizer.
危害分解物: 著火時釋放出有毒蒸汽和氣體。 Hazardous Decomposition Products: When ignited produce toxic vapor and gas.

十一、毒性資料

<p>乙酸乙酯 Ethyl acetate:</p> <ul style="list-style-type: none"> 刺激資料: 眼睛-人: 400 毫克。 <p>Irritation Data: Eye-human: 400 mg.</p> <ul style="list-style-type: none"> 毒性資料: 口服-大鼠 LD₅₀: 5620 毫克/公斤; 口服-兔 LD₅₀: 4940 毫克/公斤; 吸入-大鼠 LC₅₀: 5760 毫克/立方米, 8 小時。 <p>Toxicity Data: Oral-rat LD₅₀: 5620 mg/kg; Oral-rabbit LD₅₀: 4940 mg/kg; Inhalation-rat LC₅₀: 5760 mg/m³, 8hrs.</p> <p>傷害器官 Target Organs: 中樞神經系統 Central nervous system.</p>
<p>烴類溶劑 Hydrocarbon solvent:</p> <ul style="list-style-type: none"> 刺激資料: 眼睛-人: 140 毫克/公斤, 8 小時, 輕度。 <p>Irritation Data: Eye-human: 140 mg/kg, 8hrs, mild.</p> <ul style="list-style-type: none"> 毒性資料: 口服-小鼠 LD₅₀: 67000 毫克/公斤; 吸入-小鼠 LC₅₀: 103000 毫克/立方米, 2 小時。 <p>Toxicity Data: Oral-mouse LD₅₀: 67000 mg/kg; Inhalation-mouse LC₅₀: 103000 mg/m³, 2hrs.</p> <p>傷害器官 Target Organs: 中樞神經系統 Central nervous system.</p>
<p>急毒性 Acute Toxicity:</p> <p>吸入: 可能引致呼吸系統不適, 咳嗽。過久或重復吸入可引致過敏。 INHALATION: May irritation to respiratory tract. Exposure to high concentrations may result in cough. Prolonged or repeated inhalation may cause allergy.</p> <p>皮膚接觸: 對皮膚產生刺激。 SKIN: May irritate skin.</p> <p>眼睛接觸: 對眼睛產生刺激。 EYES: May irritate eyes.</p> <p>吞食: 引起刺激, 無力、頭痛、頭暈。 INGESTION: May cause irritation, weakness and headache, dizziness.</p>
<p>局部效應 Local Effects: 不詳 N/A</p>
<p>致敏感性 Sensitive: 不詳 N/A</p>
<p>慢毒性或長期毒性 Chronic: 神經系統障礙, 遲緩 Nervous breakdown.</p>
<p>特殊效應 Exception Effect: 無 No</p>

十二、生態資料 Ecological Information

<p>生態毒性 Ecotoxicity:</p> <p>可能之環境影響/環境流布: 污染水源, 勿排入河川、溝渠或地表。 Possibility of Environmental Impact / Move: Hazardous to water. Must not entry into water, drains or ground.</p>
<p>持久性及降解性 Persistence and Degradation: -</p>



生物降解：可被生物降解。 Biodegradation: Biodegradable.
水解：因水解發生的變化預期不會很明顯。 Hydrolysis: Transformation due to hydrolysis is not expected to be significant.
光解：暴露在陽光時變化預期不會很明顯。 Photolysis: Transformation due to photolysis is not expected to be significant.
空氣氧化：因大氣氧化引起的變化預期不會很明顯。 Atmospheric Oxidation: Transformation due to atmospheric oxidation is not expected to be significant.
生物積累潛力：生物蓄積可能性低。 Bioaccumulative Potential: Potential to bioaccumulate is low.
在土壤中的流動性：被認為可停留在水中和遷移至土壤中。 Mobility In Soil: Expected to remain in water or migrate to the soil.

十三、废气处理方法 Exhaust Gas Disposal Methods

廢棄物性質 Property of waste: √危險廢物 Dangerous waste □工業固體廢物 Industrial solid waste
廢棄處置方法：一般廢棄物收集後可於焚化爐中焚化。廢棄物之丟棄，運輸等過程應遵照環保局、交通局或地方機關之法律規章。 Disposal Information: Discard to combustion room for atomization observing local regulations.

十四、运送资料 Transport Information

聯合國編號The United Nations Number(UN-No.): 1133
聯合國運輸名稱The United Nations Shipping Name: 易燃液體 Flammable liquid
國際運送規定International Transport Regulation:
陸路 LAND: RID/ADR Class 3
海運 SEA: IMDG 代號 code Class 3
空運 AIR: ICAO-TI/IATA-DGR Class 3
包裝類別 Packaging Group: PG II
國內運送規定Internal Transport Regulation: -
特殊運送及注意事項：遠離食品、酸及堿，並放置於 5-40°C。 Special Transport Way and Note: Keep away from foodstuffs, acids and alkalis. Put between 5 °C and 40°C.

十五、法规信息 Regulation Information:

適用法規 Apply Regulation: 遵照所在國家所有聯邦，洲及當地條例。 Follow all federal, state and local regulations in your country. 確保此物料與聯邦政府要求一致，並確保符合當地條例。 Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

十六、其他资料 Other Information

參考文獻 Reference:	本產品安全技術說明書根據聯合國《全球化學品統一分類和標籤制度（GHS）》的實施要求作了相應更新。 This safety data sheet is revised according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
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