

MATERIAL SAFETY DATA SHEET

1.	IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY				
	COMMON NAME	3-O-Ethyl-L ascobic acid			
	CAS No	86404-04-8			
	COMPANY NAME	TCL Ingredients Co.,Ltd.			
2.	INFORMATION ON SUBSTANCE				
	PRINCIPAL HAZARDOUS COMPONENT (S)	None			
	APPEARANCE	White ciystalline powder			
3.	HAZARDS INFORMATION ON SUBSTANCE				
	HEALTH HAZARDS	No data available yet			
	FIRE AND EXPLOSION HAZARDS	No data available yet			
	ENVIRONMENTAL HAZARDS	No environmental hazards as far as to our knowledge.			
4.	FIRST-AID MEASURES				
	INHALATION	Remove to well-ventilated area. Seek medical attention.			
	SKIN CONTACT	Washed by soap water or clear water if it comes into contact with skin.			
	EYE CONTACT	Washed by clear water if contacting with eyes. Sent to hospital having excessive intake by mistake.			
	INGESTION	Wash out mouth with water if conscious. Seek medical attention.			
	.PROTECT MEASURES	Wearing protective clothes and safety gloves when operating.			
5.	FIRE-FIGHTING MEASURES				
	EXTINGUISHER MEDIA	Water Spray, Carbon Dioxide, Dry Chemical Powder or othe appropriate form.			
	SPECIAL FIRE FIGHTING PROCEDURES	Wear self-containing breathing apparatus against toxic fumes an protective clothing.			
	FIRE & EXPLOSION HAZARDS	Not combustible, flammable or explosive. Emits toxic fume under fire conditions.			
6.	ACCIDENTAL RELEASE MEASUR	RES			
	STEPS TO BE TAKEN IN CASE MATERIAL IS	Wear protective equipment. Sweep up, place in proper contained			
	SPILLED OR RELEASED	for waste disposal, do not get water inside container. Avoid raisin			
		dust. Ventilate area & wash site after material pickup is complete.			

TCL Ingredients Co.,Ltd Add:Room 11103,Xinghuo RD No.87Xi'an City,Shaanxi

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Beneficiary:TCL Ingredients Co.,Ltd Account:102473688233 Bank of China Shaanxi Branch Swift Code:BKCHCNBJ620



	CLEANING METHODS	Wash premises, equipment and working surfaces with water.		
	WASTE DISPOSALS METHODS	Dispose of as solid organic waste in accordance with national and		
		local regulations		
7.	HANDLING & STORAGE			
	HANDLING&STORAGE	Keep far away from kindled material, heat source and direct light.		
		Keep the container airtight. Should be separately stored form		
		oxidant and edible chemical compound.		
8.	EXPOSURE CONTROLS / PERSONAL PROTECTION			
	OCCUPATIONAL EXPOSURE LIMITS			
	GB TWA:	Not established		
	D TWA:	Not established		
	USA TWA/TLV:	Not established		
	USA TWA/STEL:	Not established		
	VENTILATION	Local exhaust may be needed.		
	PERSONAL PROTECTIVE EQUIPMENT	Protective goggles, gloves. Coveralls, apron, boots. Respiratory		
		protection with dust-filter may be needed.		
9.	PHYSICAL AND CHEMICAL PROPERTIES			
	APPEARANCE	White ciystalline powder		
	BOILING POINT	n.a.		
	MELTING POINT	Decompose		
	AUTO-IGNITION TEMP.	n.a.		
	WATER SOLUBILITY	all		
	FLASH POINT	n.a.		
	EXPLOSIVE LIMITS IN AIR	n.a.		
10.	STABLITY & REACTIVITY			
	STABILITY & REACTIVITY	The compound is stable at room temperature in closed containers.		
	CONDITIONS TO AVOID	Incompatible materials, light, dust generation, moisture, excess heat, strong oxidants.		
	MATERIALS TO AVOID	Oxidizing agents		
	HAZARDOUS DECOMPOSITION	Carbon monoxide, carbon dioxide.		
	PRODUCTS			
11.	TOXICOLOGICAL INFORMATION			
	ACUTE ORAL LD50 (MICE/RATS)			
	IRRITATION TESTS (EYES)	Not known		
	INHALATION	Not known		
12.	ECOLOGICAL INFORMATION			
		No Data available yet.		

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14. 7	FRANSPORT I	NFORMATION		
	UN	UN No.	Not classified as dangerous goods	
	ADR		Not restricted	
	DGR		Not restricted	
	IMDG		Not restricted	
15. I	REGULATORY	INFORMATION	I	
			Data not available	

it has been proved no offensive smell, no infective danger or any other danger when transported.

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