



# Safety Data Sheet

SDS CODE: TC-TE-RES-013:001 1/3

Version: A/1 Last update: 2016-01-03

## Tinci (R) TC-CAB 35

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY				
1.1	INCI Name:		COCAMIDOPROPYL BETAINE	
1.2	CAS No:		61789-40-0	
1.3	Chemical Classification:		Betaine	
1.4	Dangerous Goods Classification:		Not assessed.	
1.5	Company Details:			
	Manufacture/Supplier:		Guangzhou Tinci Materials Technology Co., Ltd	
	Address:		8 <sup>th</sup> Kangda Road, Yunpu Industrial Zone, Huangpu District, Guangzhou, China	
	Telephone Number:		(86 20) 82251159 fax No.(86 20)82058669	
	Emergency Telephone Number:		(86 20) 82251159	
	Contact Person:		Technical support engineer	
1.6	The date of taking effect:		Jan 2016	
2. COMPOSITION/INFORMATION ON INGREDIENTS				
2.1	Chemical characterization:		Mixture	
2.2	Physical Form:		Liquid	
2.3	Color:		Colorless to little yellow	
2.4	Use:		Cosmetics additive, Surfactant	
2.5	Hazardous Ingredients:			
	Chemical Name	CAS No	% (w/w)	Label & R Phrases
	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	29.0±1.0	Xi, R36
3. HAZARDS IDENTIFICATION				
3.1	Overall Hazard Classification:	Irritating to eyes.		
3.2	Route of Exposure:	Avoid contact with eyes, face and skin.		
3.3	Possible Health Effects:	Skin Contact and Accidental Ingestion.		
	<u>Acute</u>			
	Eyes:	Irritant. Can cause redness, irritation, tearing.		
	Skin:	Slightly irritating. May cause redness, irritation.		
	Inhalation:	Inhalation not likely.		
	Ingestion:	Practically non-toxic.		
	<u>Chronic</u>	This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.		
3.4	Signs and Symptoms of Overexposure:	No significant adverse effects from a single exposure expected from normal use.		
4. FIRST AID MEASURES				
4.1	Eyes:	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention.		
4.2	Skin:	In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.		
4.3	Inhalation:	Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.		
4.4	Ingestion:	If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.		
4.5	Comments:	Treat according to person's condition and specifics of exposure. Skin contact may aggravate existing skin disease.		
4.6	Note to physicians:	Treat symptomatically.		
5. FIRE FIGHTING MEASURES				
5.1	Autoigntion:	Not available.		
5.2	Flash point:	> 93.9°C (201 F).		



# Safety Data Sheet

SDS CODE: TC-TE-RES-013:001 2/3

Version: A/1 Last update: 2016-01-03

## Tinci (R) TC-CAB 35

5.3	Extinguishing Media:	Recommended (small fires): dry chemical, carbon dioxide, Recommended (large fire): alcohol foam, universal foam, water spray, Not recommended: water jet (frothing possible).
5.4	Special Fire Fighting Procedures:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
5.5	Fire & Explosion Hazards:	Product will burn under fire conditions. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.
5.6	Hazardous Combustion Products:	Oxides of nitrogen, oxides of sulfur, oxides of carbon.
5.7	Lower Explosion Limit:	Not applicable.
5.8	Upper Explosion Limit:	Not applicable.
5.9	Flammability Hazard Class:	1=slight.
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
6.1	Personal Precaution:	Avoid eyes/face contact. Avoid skin contact. Do not take internally.
6.2	Environmental Precautions:	Do not flush to drain.
6.3	Spill and Leak Procedures:	Absorb with an inert absorbent. Sweep up and place in an appropriate closed container (see Section 7: Handling and Storage). Clean up residual material by washing area with water. Collect washings for disposal.
<b>7. HANDLING AND STORAGE</b>		
7.1	Handling:	Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. DO NOT ALLOW TO FREEZE. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity.
7.2	Storage Conditions:	SHIP AND STORE BETWEEN 10-50°C. Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials (see Section 10. Stability and Reactivity), Expected shelf life if stored at recommended temperatures: 24 months.
7.3	Unsuitable Packaging Materials:	None established.
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
8.1	Industrial Hygiene Standards	
	<u>Ingredients</u>	<u>CAS No.</u> <u>Exposure Limits</u>
	None known.	
8.2	Engineering Controls:	
	Local Ventilation:	Recommended.
	General Ventilation:	Recommended.
8.3	Respiratory protection:	When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations. For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.
	Eye protection:	Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.
	Hand protection:	Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.
	Clothing Requirements:	Uniforms, coveralls, or a lab coat should be worn.
	Change/Removal Of Clothing:	Remove contaminated clothing and launder before reuse.
	Wash Requirements:	Wash exposed areas with soap and water.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
9.1	Physical Form:	Liquid
9.2	Color:	Colorless to light yellow
9.3	Odor:	Odorless
9.4	PH:	4.5-6.0
9.5	Solubility in water:	Soluble
9.6	Specific Gravity:	Not Available



# Safety Data Sheet

SDS CODE: TC-TE-RES-013:001 3/3

Version: A/1 Last update: 2016-01-03

## Tinci (R) TC-CAB 35

9.7	Melting Point Range:	Not Available
9.8	Freezing Point Range:	< 0°C
9.9	Vapor Density:	Not Available
9.10	Boiling Point Range:	> 100°C at 760 mmHg
The above information is not intended for use in preparing product specifications. Contact Tinci before writing specifications.		
<b>10. STABILITY AND REACTIVITY</b>		
10.1	Stability:	Stable.
10.2	Stability Detail:	Stable under normal temperature and pressure. <b>Conditions To Be Avoided:</b> heat, open flame, spark. <b>Materials/Chemicals To Be Avoided:</b> strong acids, strong oxidizing agents.
10.3	Reactivity Hazard Class:	Minimal. Hazardous polymerization will not occur.
<b>11. TOXICOLOGICAL INFORMATION</b>		
11.1	Carcinogenicity:	Not listed as carcinogenic according to IARC, NTP or OSHA.
11.2	Mutagenicity:	Testing has shown this product to be non-mutagenic (Ames test).
11.3	Other Health Hazard Information:	Eye - eye irritation, rabbit. Moderately irritating. Skin-skin irritation, rabbit. Slightly irritating. Oral LD50 (rat) = >5000.
<b>12. ECOLOGICAL INFORMATION</b>		
12.1	Potential To Bio-accumulate:	93 % (28 d) Method: OECD 301D The product is readily biodegradable according to OECD criteria.
12.2	Aquatic Toxicity:	None Established.
12.3	Environmental Fate:	This product is biodegradable.
<b>13. DISPOSAL CONSIDERATIONS</b>		
13.1	Product Disposal:	Dispose of in accordance with local regulations.
13.2	Packaging Disposal:	Any containers or equipment used should be decontaminated immediately after use.
<b>14. TRANSPORT INFORMATION</b>		
14.1	Road and Rail Transport:	Not assessed.
14.2	Sea Transport (IMDG):	Not subject to IMDG code.
14.3	Air Transport (ICAO):	Not subject to ICAO regulations.
<b>15. REGULATORY INFORMATION</b>		
15.1	Applicable Laws:	Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.
15.2	Chemical Inventories:	
	AICS:	All ingredients listed or exempt.
	DSL:	All chemical substances in this material are included on or exempted from the DSL.
	IECSC:	All ingredients listed or exempt.
	MITI:	All components are listed on ENCS or its exempt rule.
	KECL:	All ingredients listed, exempt or notified.
	EINECS:	All ingredients listed or exempt.
	PICCS:	All ingredients listed or exempt.
	TSCA:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
<b>16. OTHER INFORMATION</b>		
	Contact Point:	Technical Services Engineer (86 20) 82251159
	Prepared by:	Guangzhou Tinci Materials Technology Co., Ltd
This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.		

® Indicates Registered Trademark