



# RICA MARKETING SDN BHD

## CHEMICAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product Details

Trade Name	:	CYZ 012
Chemical Name	:	Electroplating chemical components
Chemical Formula	:	Proprietary
Molar Mass	:	NA
Chemical Family	:	NA
Manufacturer's Code	:	NIL
Use	:	Industrial

#### 1.2 Company Identification

Manufacturer's Name and Address	:	Rica Marketing Sdn Bhd : 7, Jalan Taming 3, Taman Taming Jaya Off Jalan Balakong, 43300 Selangor, Malaysia
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#### 1.3 Contact Point / Persons

Designation	:	Laboratory
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### SECTION 2: COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>CAS no.</u>	<u>Proportion</u>	<u>Exposure Limit</u>	<u>Toxicity Data TLV</u>
Polyvinyl alcohol	9002-89-5	0.5 – 2.0%	NA	NA
Sodium ally sulfonate	2495-39-8	4.5 – 9.0%	NA	NA
Sodium polynaphthalene -formaldehyde reaction Product	9048-06-4	6.0-12.0	NA	NA
polyquartermmonium polymer reaction product	NA	16.0-25.0	NA	NA
Water	7789-20-0	83.0-52.0%	NA	NA

### SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: Brown to dark brown liquid
Odour	: Vanilla
Solubility at 28°C	: Easily miscible with water
Boiling Point	: More than 100°C
Melting Point (°C)	: NA
Vapour Pressure (mm of Hg at 25°C)	: NA
Percentage Volatiles	: NA
Evaporation Rate	: NA
Vapour Density	: NA
Specific Gravity at 28°C	: 1.013 – 1.073
Flash Point	: NA
Auto-ignition Temperature	: NA
Flammable limit (%) and	: NA
Other properties if applicable	: ----

### SECTION 4: HAZARD IDENTIFICATION

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Most important hazards: Irritant

### SECTION 5: FIRST AID MEASURES

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Inhalation	: Remove to fresh air area with good ventilation.
Eye contact	: Immediately flush with large amounts of water for at least 15 min. while holding eyelids apart. Washing within 5 min is essential for maximum effectiveness. Call a physician if irritation persists.
Skin contact	: Wash affected area thoroughly with water. Remove contaminated clothing and launder before reuse. If irritation develops, get medical attention.
Ingestion	: Never give anything by mouth to an unconscious person. Induce vomiting immediately by giving two glasses of water and sticking finger to throat. Call a physician immediately.

Notes to physician : NA

### SECTION 6: FIRE FIGHTING MEASURES

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Extinguishing Media	: Non-flammable. Not required.
Fire Fighting instruction	: Not required. Cool containers with water.

Special hazards : NA

## SECTION 7: ACCIDENTAL RELEASE MEASURE

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Leak / Spill: Flush with plenty clean water.

## SECTION 8: HANDLING AND STORAGE

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Handling : Wear rubber gloves.

Storage : Keep away from strong sunlight . Store in a cool dry place.

## SECTION 9: EXPOSURE CONTROL AND PERSONAL PROTECTION

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a. Exposure limit : NA

b. Engineering measures : NA

c. Personal protection : Wear rubber gloves

## SECTION 10: STABILITY AND REACTIVITY

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Conditions to avoid : Avoid high heat or flame

Incompatibles : NA

Decomposition Products : NA

Hazardous polymerization : Will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

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Toxicity Data : NA

Carcinogenicity : NTP: No IARC: NA OSHA: NA

Reproductive Effect : NA

Effects of overexposure : Irritation on skin, eyes and mucous membranes on concentrated form

Chronic effects : NA

Target organs : NA

SECTION 12: ECOLOGICAL INFORMATION  
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NA

SECTION 13: DISPOSAL INFORMATION  
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Disposal method in accordance with all applicable national environment laws and regulations.

Dilute with water.

SECTION 14: TRANSPORT INFORMATION  
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Transport : IMDG code : --- UN No : --- ICAO/IATA-DGR : ---  
GGV8ee/GGVS : --- RID/ADR : --- ADNR : ---  
Other information : MFAG table No : --- EMS table No : ---

SECTION 15: REGULATORY INFORMATION  
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This product is considered hazardous for industrial applications.

Risk phrases : 36/37/38 Irritating to eyes, respiratory system and skin  
Safety phrases : 26/28 In case of contact with eyes/skin, rinse immediately with plenty of water  
and seek medical advice  
37 Wear suitable gloves

Shelf Life : 24 months from date of manufacture for unopened containers.

SECTION 16: OTHER INFORMATION  
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This product is intended for use as chemical surface treatment and Rica undertakes no liability for other applications. The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.