



MATERIAL SAFETY DATA SHEET

COMMERCIAL NAME: DALIC COPPER ACID PLATING SOLUTION DPS 6160

IDENTITY	%W/W	CLASSIFICATION	CAS. NO.	OES (mg/m ³)	
				LONG TERM	SHORT TERM
Sulphuric acid	5-14	Xi;R36/38	7664-93-9	1	--
Copper compounds	10-19	--		1(as Cu)	2(as Cu)

HAZARD IDENTIFICATION

Irritating to eyes and skin. Particular risk of damage to eyes.

TOXICITY DATA

FIRST AID

INHALATION Remove to fresh air and quiet environment

SKIN CONTACT Remove contaminated clothing and wash all affected areas of skin with water for at least 10 minutes. In severe cases obtain medical attention.

EYE CONTACT Rinse immediately with plenty of water for at least 10 minutes. In severe cases obtain medical attention.

INGESTION Rinse mouth liberally with water. Drink plenty of water or milk. In severe cases seek medical advice

OTHER

FIRE & EXPLOSION MEASURES

SUITABLE EXTINGUISHING MEDIA Not applicable

UNSUITABLE EXTINGUISHING MEDIA Not applicable

POSSIBLE EXPOSURE HAZARDS May evolve toxic fumes in fire

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS Self-contained breathing apparatus.

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SPILL OR LEAKAGE PROCEEDURES

Soak up with absorbent material (sand etc.) And dispose of to Local Authority Regulations or via a licensed disposal contractor.

HANDLING AND STORAGE

Do not freeze. Store at ambient temperature away from direct sunlight and heat, in tightly closed containers. Ensure that all containers are clearly and appropriately labelled.

EXPOSURE CONTROL/PERSONAL PROTECTION

Wear eye protection and dust / Acid mist mask or face shield, nitrile gloves and suitable protective clothing. Use in well ventilated area or with local exhaust ventilation.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: **CLEAR BLUE LIQUID**

Boiling Point: 100 °C	Freezing Point: 0 °C	Specific Gravity: 1.18
Flash Point: N/A	PH: 0.8	Solubility in Water: Infinite

STABILITY AND REACTIVITY

STABILITY

Stable at ambient temperature.

MATERIALS TO AVOID

Cyanides , Solid & liquid Hypochlorites.

HAZARDOUS DECOMPOSITION PRODUCTS

May evolve toxic fumes in fire.

ECOLOGICAL INFORMATION

All copper containing compounds are toxic to the environment, all care must be taken to prevent their release.

DISPOSAL CONSIDERATIONS

To Local Authority Regulations or via a licensed disposal operator

TRANSPORT INFORMATION

UN NO.: 3264

CLASS.: 8

PACKING GROUP: III

I.M.D.G.:

ADR/RID:

ICAO/IATA: 818 (5 litres) and 820 (60 litres)

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(CONTD)**

REGULATORY INFORMATION

LABEL: Irritant / Corrosive

CLASSIFICATION: Irritant / Corrosive

RISK PHRASES

Irritating to eyes and skin. Store away from direct sunlight and heat. Do not freeze.

SAFETY PHRASES

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye face protection. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

CHEMICAL TO BE NAMED

CONTAINS: Sulphuric acid

OTHER INFORMATION

Store away from direct sunlight and heat. Do not freeze.

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EVERY ENDEAVOR HAS BEEN MADE TO ENSURE THAT THE INFORMATION CONTAINED IN THIS DATA SHEET IS RELIABLE. HOWEVER WE CANNOT ACCEPT LIABILITY FOR ANY LOSS, INJURY OR DAMAGE WHICH MAY RESULT FROM ITS USE.

THE INFORMATION CONTAINED IN THIS DATA SHEET SHOULD BE USED FOR THE PURPOSE OF HEALTH AND SAFETY ONLY. ITS CONTENTS SHOULD NOT BE DISCLOSED TO ANY THIRD PARTY WITHOUT THE WRITTEN CONSENT OF **Dalic Australasia Pty Ltd.**

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Ian L Mackenzie

Authorised by: Ian L Mackenzie Signed