



DALIC
AUSTRALASIA
Pty Limited

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DALIC[®] Electroplaters
ABN 33 085 605 590

MATERIAL SAFETY DATA SHEET

COMMERCIAL NAME: DALIC ACTIVATOR/ETCH NO 4 DPR5004

IDENTITY	% W/W	CLASSIFICATION	CAS. NO.	OES (mg/m ³)	
				LONGTERM	SHORTTERM
N/A					

HAZARD STATEMENT

This product is classified as non-hazardous according to Worksafe criteria. This product is deemed non hazardous to CHIP regulations 1993.

TOXICITY DATA

N/A

FIRST AID

INHALATION	Remove to fresh air and a quiet environment.
SKIN CONTACT	Wash off with water.
EYE CONTACT	Rinse immediately with plenty of water, if irritation persists seek medical advice.
INGESTION	Rinse mouth liberally with water. Drink plenty of water or milk.

FIRE & EXPLOSION MEASURES:

SUITABLE EXTINGUISHING MEDIA	N/A
UNSUITABLE EXTINGUISHING MEDIA	N/A
POSSIBLE EXPOSURE HAZARDS	May evolve toxic fumes in fire.
PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	Self contained breathing apparatus

SPILL AR LEAKAGE PROCEEDURES

Flush to foul water sewer with plenty of water.

HANDLING AND STORAGE

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

EXPOSURE CONTROL/PERSONAL PROTECTION

Wear safety glasses or face shield, rubber gloves and suitable protective clothing. Use in well ventilated area preferably with local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

PHYSICAL AND CHEMICAL PROPERTIES

COMMERCIAL NAME: DALIC ACTIVATOR/ETCH NO 4 DPR5004 (CONTD)

APPEARANCE: CLEAR COLOURLESS LIQUID.

Boiling Point: 100 °C	Freezing Point: 0 °C	Specific Gravity: 1.11
Flash Point: N/A	PH: 0.5	Solubility in Water: Infinite

STABILITY AND RE-ACTIVITY

STABILITY Stable at ambient temperatures.
MATERIALS TO AVOID N/A
HAZARDOUS DECOMPOSITION PRODUCTS May evolve toxic fumes in fire

ECOLOGICAL INFORMATION

DISPOSAL CONSIDERATIONS

To local Authority Regulations or via a licensed disposal operator. Small quantities may be flushed to foul water sewer with plenty of water.

TRANSPORT INFORMATION

UN NO.: 1760 CLASS: 8 PACKING GROUP: III I.M.D.G.:
ADR/RID: ICAO/IATA: 818 (5litres) AND 820 (60 litres)

REGULATORY INFORMATION

LABEL N/A
CLASSIFICATION Non hazardous
RISK PHRASES N/A
SAFETY PHRASES Avoid contact with skin and eyes

CHEMICALS TO BE NAMED

CONTAINS Hydrochloric Acid

OTHER INFORMATION

During use, especially in forward polarity, noxious fumes are evolved.

EVERY ENDEAVOUR 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.**

Date of completion 01.12.2000

Revised date 01.03.2005

Ian L Mackenzie

Authorised by: Ian L Mackenzie Signed