

# PHOTORESIST STRIPPER PC 155 (600-019)

Part No: 600-019 - 1 litre  
600-019-5 - 25 litres  
*1 litre concentrate make 5 litres*

## Description

A Photoresist Stripper concentrate to make 5 litres of working solution to strip photoresist from Fotoboard, FPC-16 and other alkaline processed resists

## Preparation

Mix 1 litre concentrate with 4 litres of tap water

## Usage

Use in a Mega temperature controlled PCB processing tank at 45 – 50°C. The Photoresist should strip from the copper in 2 – 3 minutes, depending on age of the solution and how much use it has had.

## Health and Safety

Full Health and Safety details are on the rear of this instruction sheet. A report by an occupational hygienist concluded that under the test conditions, **NO LOCAL VENTILATION IS REQUIRED** using this etchant in Mega's PCB processing tanks. A copy of this report is available upon request.

## Associated Products

A range of associated products for use with this etchant are featured in our free product catalogue. Please telephone us for your free copy



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## SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

**NAME:** PHOTORESIST STRIPPER CONCENTRATE  
**PART NO:** 600-019

## MANUFACTURER'S/SUPPLIERS NAME, REGISTERED ADDRESS AND EMERGENCY TEL NO

MEGA ELECTRONICS LTD  
THE GRIP INDUSTRIAL ESTATE  
LINTON  
CAMBRIDGE CB21 4XN  
TEL NO: +44 (0) 1223 893900

## SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	%BY WT	CAS & EEC Nos:	HAZARD	R PHRASE
MONOETHANOLAMINE	25	141-53-5 205-483-3	Xn	NOS- 20/21/22
BUTOXYETHANOL	65	111-76-2 203-905-0		36/37/38

## SECTION 3 HAZARDS IDENTIFICATION

HARMFUL. HARMFUL BY INGESTION. IRRITATING TO EYES AND RESPIRATORY SYSTEM. AVOID CONTACT WITH SKIN AND EYES ☐

## SECTION 4 FIRST AID MEASURES

**INHALATION:** REMOVE FROM EXPOSURE. REST AND KEEP WARM. IF EXPOSURE HAS BEEN GREAT OBTAIN MEDICAL ATTENTION

**SKIN CONTACT:** WASH THOROUGHLY WITH AMPLE SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. UNLESS CONTACT HAS BEEN SLIGHT OBTAIN MEDICAL ATTENTION

**EYE CONTACT:** IRRIGATE THOROUGHLY WITH WATER FOR AT LEAST 10 MINUTES. OBTAIN MEDICAL ADVICE.

**INGESTION:** WASH OUT MOUTH THOROUGHLY WITH WATER AND GIVE PLENTY OF WATER TO DRINK. OBTAIN MEDICAL ATTENTION.

**MEDICAL NOTES:** NONE

## SECTION 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA**  
FOAM, DRY POWDER.

**COMBUSTION PRODUCTS:** N/A

**FIRE/EXPLOSION SCENARIOS:** N/A

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:** N/A

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTION

WEAR RESPIRATORY PROTECTION. PREVENT SKIN AND EYE CONTACT.

### ENVIRONMENTAL PRECAUTIONS

AVOID ENTRY INTO DRAINAGE SYSTEM AND EARTH.

### WORKPLACE PRECAUTIONS

DO NOT EAT, DRINK OR SMOKE

### METHODS FOR CLEARING UP

ABSORB IN SAND OR OTHER INERT MATERIAL AND PUT INTO SUITABLE CONTAINER FOR DISPOSAL.

## SECTION 7 HANDLING AND STORAGE

### HANDLING PRECAUTIONS

HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN AND BY INHALATION. ALWAYS WEAR SUITABLE PROTECTIVE CLOTHING. IF USED ACCORDING TO INSTRUCTIONS NO LOCAL EXHAUST VENTILATION IS REQUIRED

**STORAGE INCLUDING ANY SPECIAL REQUIREMENTS** (TEMPERATURE, VENTILATION, ETC) STORE IN A COOL DRY PLACE. DO NOT STORE WITH ACIDS OR OXIDISING MATERIALS.

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

### ENGINEERING CONTROLS/VENTILATION

NO LOCAL EXHAUST VENTILATION REQUIRED IF USED ACCORDING TO INSTRUCTIONS

### RESPIRATORY PROTECTION

WEAR PROTECTIVE MASK

**EYE PROTECTION:** WEAR SAFETY GOGGLES

### HAND PROTECTION

WEAR PROTECTIVE RUBBER/VINYL GLOVES

### SKIN PROTECTION

ALWAYS OBSERVE ALL USUAL PRECAUTIONS WHEN HANDLING CHEMICALS. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** LIQUID      **COLOUR:** CLEAR  
**ODOUR:** ETHEREAL      **ACIDITY/ALKALINITY pH:** 12  
**BOILING POINT:** 100°C      **MELTING POINT °C:**  
**FLASH POINT** (Open/Closed Cup) 75 (CLOSED CUP)  
**AUTOIGNITION TEMP °C**  
**THERMAL DECOMPOSITION °C:**OXIDISING PROPERTIES:

### EXPLOSIVE PROPERTIES:

#### EXPLOSIVE LIMITS AT 25°C (% VOL IN AIR)

**LOWER:**      **UPPER**

**RELATIVE DENSITY: SOLID CONTENT %:**

**SOLUBILITY IN WATER:**      **SOLUBILITY IN ORGANIC SOLVENTS**

**VOLATILE CONTENT**

**VAPOUR PRESSURE mmHg at 20°C**

### RELATIVE VAPOUR DENSITY (air = 1):

(of principle component and name): 17.5

### EVAPORATION RATE

(n-butyl acetate = 1):

### CONDUCTIVITY:

## SECTION 10 STABILITY AND REACTIVITY PROPERTIES

### CONDITIONS TO AVOID:

### MATERIALS TO AVOID

AVOID CONTACT WITH STRONG OXIDANTS

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN

**HAZARDOUS POLYMERISATION** - MAY/WILL/NOT occur - State condition to avoid. WILL NOT OCCUR.

## SECTION 11 TOXICOLOGICAL INFORMATION

### EFFECT OF EYE CONTACT:

IRRITATION LEADING TO WATERING AND BLURRED VISION

### EFFECT OF SKIN CONTACT:

LD50 2050mg/Kg. IRRITATION FOLLOWED BY DRYING OF THE SKIN.

### EFFECT OF INHALATION

LC50 2.4mg/litre. IRRITATION OF THE MUCUOUS MEMBRANE AND DIZZINESS

### EFFECT OF INGESTION

Any known data on sensitisation carcinogenicity, mutagenicity, teratogenicity, or narcosis NO EVIDENCE.

## SECTION 12 ECOLOGICAL INFORMATION

## SECTION 13 DISPOSAL CONSIDERATIONS

THE PREPARATION SHOULD BE DISPOSED OF ACCORDING TO LOCAL GOVERNMENT REGULATIONS VIA AUTHORISED WASTE DISPOSAL AGENCIES.

## SECTION 14 TRANSPORT INFORMATION

**UN-Nr:** 2491 **IATA CLASS:** 8 **PACKING GRP:** III **IMDG-Nr:** 8169

**IMDG CLASS:** 8

## SECTION 15 REGULATORY INFORMATION

### PRODUCT LABEL DETAILS - PER CHIP REGULATION 9

**PRODUCT TRADE NAME/DESIGNATION:** PHOTORESIST STRIPPER

**CONTAINS:** MONOETHANOLAMINE 25%  
2-BUTOXYETHANOL 65

**HAZARD SYMBOL:** Xn

### RISK PHRASE Nos. & WORDS:

R20/21/22 HARMFUL BY INHALATION. HARMFUL IN CONTACT WITH SKIN. HARMFUL IF SWALLOWED.  
R36/37/38IRRITATING TO EYES. IRRITATING TO RESPIRATORY SYSTEM. IRRITATING TO SKIN

### SAFETY PHRASE Nos. & WORDS:

S24/25 AVOID CONTACT WITH SKIN. AVOID CONTACT WITH EYES.

## SECTION 16 OTHER INFORMATION

COMPILED IN ACCORDANCE WITH CHIP REGULATION 2002

Release date: 10/10/1996

Revision date: 02/07/04