

COMPANY: MACLEOD INDUSTRIES AUSTRALIA P/L

PRODUCT NAME: EC101 Degreaser

THIS PRODUCT IS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

COMPANY DETAILS: MACLEOD INDUSTRIES AUSTRALIA P/L  
 ABN 31 072 805 513  
 UNIT 7 / 21 MALVERN STREET BAYSWATER VIC 3153 AUSTRALIA  
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## IDENTIFICATION

UN NUMBER: 1760  
 DANGEROUS GOODS CLASS: 8  
 SUBSIDIARY RISK: NONE  
 HAZCHEM CODE: 2R  
 PACKAGING GROUP: III  
 POISONS SCHEDULE: S5  
 USE: PREPARATION AND CLEANING OF SURFACES PRIOR TO  
 TREATMENT OR PAINTING, GENERAL CLEANING AND  
 DEGREASING, RATES OF DILUTION BETWEEN 1:5 AND 1:50  
 WITH WATER

## PHYSICAL DESCRIPTION AND PROPERTIES

APPEARANCE: TRANSLUCENT, REFLECTS RED, TRANSMITS  
 GREEN/YELLOW  
 ODOUR: CITRUS  
 BOILING POINT: ABOVE 80°  
 VAPOUR PRESSURE: NOT AVAILABLE  
 PERCENT VOLATILE, VOLUME: GREATER THAN 90%  
 PERCENT VOLATILE, MASS: APPROXIMATELY 10%  
 SPECIFIC GRAVITY: APPROXIMATELY 1.05 kg/l  
 FLASH POINT: ABOVE 61°  
 FLAMMABILITY LIMIT: NOT FLAMMABLE  
 SOLUBILITY IN WATER: THIS PRODUCT IS COMPLETELY MISCIBLE WITH WATER  
 pH: 13

## INGREDIENTS:

CHEMICAL NAME:	CAS NUMBER	MASS PERCENT	CLASSIFICATION/RISK
ALKALINE SALTS		1-10%	
HYDROCARBON SOLVENT		1-10%	
NON-IONIC SURFACTANTS		1-10%	
ALKYL METHOXYL ALCOHOL		1-10%	
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	1-10%	
ANIONIC SURFACTANTS		1-10%	
ANHOTERIC SURFACTANT		1-10%	
SEQUESTRANTS		1-10%	
DYE		LESS THAN 1%	
WATER		TO 60%	

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## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS - ACUTE

SWALLOWED: CORROSIVE AND MODERATELY TOXIC. IRRITATING TO MOUTH AND THROAT.

EYE: CORROSIVE AND A SEVERE IRRITANT.

SKIN: MODERATELY CORROSIVE. MODERATELY IRRITATING.

INHALED: MODERATELY CORROSIVE. WILL IRRITATE RESPIRATORY SYSTEM.

### HEALTH EFFECTS - CHRONIC

SWALLOWED: SEE ACUTE EFFECTS. REPEATED INGESTION MAY RESULT IN OEDEMA OF THE ESOPHAGUS.

EYE: REPEATED, PROLONGED CONTACT WITH EYES MAY RESULT IN PERMANENT DAMAGE.

SKIN: PROLONGED OR REPEATED CONTACT WITH SKIN OVER A LONG PERIOD OF TIME MAY CAUSE DERMATITIS OR OTHER SKIN COMPLAINTS.

INHALED: REPEATED, PROLONGED INHALATION OF THIS PRODUCT MAY RESULT IN PERMANENT LUNG AND BRONCHIAL DAMAGE.

### FIRST AID

SWALLOWED: THOROUGHLY RINSE MOUTH WITH WATER. GIVE WATER TO DRINK. DO NOT INDUCE VOMITING. SEEK MEDICAL ASSISTANCE.

EYE: IRRIGATE WITH COPIOUS QUANTITIES OF CLEAN FRESH WATER FOR 15 MINUTES. SEEK MEDICAL ADVICE.

SKIN: REMOVE AFFECTED CLOTHING AND WASH BEFORE RE-USE. WASH AFFECTED SKIN WITH SOAP AND WATER.

INHALED: REMOVE FROM EXPOSURE. REMOVE ANY AFFECTED CLOTHING. KEEP COMFORTABLE AND WARM.

ADVICE TO MEDICAL PERSONNEL: TREAT SYMPTOMATICALLY, THE HEALTH RISK PRESENTED BY THIS PRODUCT AS IT RELATES TO ITS CORROSIVENESS IS GREATLY REDUCED WHEN DILUTED TO COMMON CONCENTRATION LEVELS FOR USE.  
POISONS INFORMATION CENTRES IN EACH STATE CAPITAL PROVIDE ADVICE FOR SCHEDULED POISONS. POISONS CONTROL PHONE 13 11 26

TOXICITY: NO LD50 DATA IS AVAILABLE FOR THIS PRODUCT. THE CONCENTRATIONS OF POTENTIALLY HAZARDOUS INGREDIENTS ARE EXTREMELY LOW AND ARE NOT CONSIDERED A SIGNIFICANT HEALTH HAZARD UNDER CONDITIONS OF GOOD OCCUPATIONAL WORK PRACTICE.

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## PRECAUTIONS FOR USE

NO SPECIFIC EXPOSURE STANDARDS EXIST FOR THIS SPECIFIC MATERIAL BY WORKSAFE.

## ENGINEERING CONTROLS

THE WORKPLACE OR SITE WHERE THIS PRODUCT IS BEING USED SHOULD BE VENTILATED SUFFICIENTLY TO ENSURE THAT EXPOSURE TO THE CORROSIVE VAPOURS OF THIS PRODUCT DO NOT CONSTITUTE A HEALTH RISK. ENSURE AIRFLOW WHERE THIS PRODUCT IS BEING USED.

## PERSONAL PROTECTION

AVOID CONTACT WITH EYES. AVOID REPEATED OR PROLONGED SKIN CONTACT.

DO NOT USE THIS PRODUCT IF YOU HAVE BECOME SENSITIZED TO THE CHEMICAL ENTITIES LISTED IN THIS PUBLICATION, OR IF YOU HAVE SKIN OR OTHER DISORDERS WHICH MAKE YOU PARTICULARLY SENSITIVE TO SKIN IRRITANTS.

PERSONS WITH ASTHMA, BRONCHITIS, OR OTHER LUNG COMPLAINTS SHOULD CONSIDER AVOIDING THIS AND OTHER CHEMICAL COMPOUNDS WHICH MAY TRIGGER AN ATTACK.

DO NOT SMOKE WHILE USING THIS PRODUCT. WHILE USING THIS PRODUCT, WASH HANDS THOROUGHLY BEFORE EATING, SMOKING, OR USING TOILET FACILITIES.

## FLAMMABILITY

THIS PRODUCT IS NOT FLAMMABLE OR COMBUSTIBLE DURING NORMAL CONDITIONS, INCLUDING CONDITIONS OF USE..

THIS PRODUCT WILL RELEASE TOXIC AND CORROSIVE VAPOURS IF BURNED IN A LARGE FIRE.

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## PRECAUTIONS FOR USE, CONTINUED

## RISK PHRASES

R20/21: HARMFUL BY INHALATION AND IN CONTACT WITH SKIN.

R38: IRRITATING TO SKIN.

R43: MAY CAUSE SENSITISATION BY SKIN CONTACT.

## SAFE HANDLING

### STORAGE/TRANSPORT

CLASSIFIED AS A DANGEROUS GOOD, CLASS 8, PACKAGING GROUP III, FOR TRANSPORT PURPOSES.

STORE IN A WELL-VENTILATED STOREROOM AWAY FROM IGNITION SOURCES.

DO NOT STORE NEAR STRONG OXIDIZING AGENTS. DO NOT STORE NEAR FOODSTUFFS.

STORE IN A DRY LOCATION BETWEEN 5° - 30° C. KEEP OUT OF REACH OF CHILDREN.

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### SPILLS AND DISPOSAL

SPILLS IN SMALL AMOUNTS, OR SPILLS OF THIS PRODUCT WHICH HAVE BEEN DILUTED FOR USE, MAY BE FLUSHED TO SEWER WITH WATER.

LARGE SPILLS OF CONCENTRATED PRODUCT SHOULD BE CONTAINED WITH ABSORBENT SPILL COMPOUNDS, SOIL, OR SAND.

DISPOSE ACCORDING TO LOCAL OR STATE/TERRITORY REGULATIONS.

### FIRE/EXPLOSION HAZARDS

THIS PRODUCT IS NOT CONSIDERED A FIRE RISK UNDER NORMAL STORAGE AND SHIPPING CONDITIONS.

THIS PRODUCT MAY REACT WITH STRONG OXIDIZING AGENTS.

### ENVIRONMENTAL

SOME COMPONENTS OF THIS PRODUCT ARE CONSIDERED A HAZARD TO AQUATIC LIFE. DO NOT ALLOW CONCENTRATED PRODUCT TO ENTER WATERWAYS. PACKAGING OF THIS PRODUCT MAY BE RECYCLED OR DISPOSED OF AS AUTOMATIC DISHWASHING POWDER CONTAINERS. MACLEOD INDUSTRIES AUSTRALIA WILL ACCEPT PACKAGING FOR ANY OF ITS PRODUCTS FOR SAFE DISPOSAL. DO NOT BURN THIS PRODUCT'S PACKAGING IN AN INCINERATOR OTHER THAN A TOXIC INCINERATOR.

### AUTHOR'S STATEMENT

THIS MSDS IS OFFERED IN GOOD FAITH, AND REPRESENTS THE BEST KNOWLEDGE AVAILABLE TO THE AUTHOR AS TO THE APPROPRIATE HEALTH AND SAFETY ISSUES PERTAINING TO THIS PRODUCT. THE USER SHOULD READ THIS MSDS AND THE MSDS FOR PART B TO BE USED WITH THIS PRODUCT AND RELATE IT TO HOW HE/SHE WILL BE USING THE PRODUCT. SOME RISK OR SAFETY PHRASES HAVE BEEN USED WHERE THEY MAY NOT HAVE BEEN MANDATED BY REGULATION, BUT WHERE THE AUTHOR BELIEVES THAT PROVIDING THOSE RISK OR SAFETY PHRASES IS IN THE INTEREST OF THE USER.

AUTHOR: MIKE FINKE