



MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT & COMPANY IDENTIFICATION

Product Name: GREEN STRIP

Uses: Thickened stripper for water based paints and floor sealers.

Supplier Details: ED Oates Pty Ltd Trading As: RESEARCH PRODUCTS

Address: PO Box 158 Campbellfield VIC 3061

ABN: 61 004 329 462 **ACN:** 004 329 462

Telephone: (03) 9355 6994 **Fax Number:** (03) 9359 9509

Poisons Information Centre Telephone: 13 1126

2. HAZARDS IDENTIFICATION

Hazard Classification: Classified as hazardous according to criteria of NOHSC

Poisons Schedule: Not scheduled

Risk Phrase(s): R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrase(s): S23 Do not breathe gas/fumes/vapour/spray

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, impervious gloves and eye/face protection.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Names	Proportion	CAS No
Monoethanolamine	< 12%	141-43-5
2-Butoxyethanol	< 20%	111-76-2
Non-ionic Surfactant	< 5%	Non Hazardous
Thickening Agent	< 1%	Non Hazardous
Water	> 60%	7732-18-5

4. FIRST AID MEASURES

Swallowed: Do NOT induce vomiting. Do NOT give an unconscious person anything to drink. Rinse mouth out with water then give a glass of water to drink. If symptoms develop seek medical advice.

NEVER give anything by mouth to an unconscious person.

Eye Exposure: Rinse with plenty of water, including under the eyelids for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin Exposure: Wash affected area with water. Remove contaminated clothing and launder before reuse. If skin irritation persists, seek medical advice.

Inhalation: If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

5. FIRE FIGHTING MEASURES

Hazchem Code: None Allocated

Thermal decomposition: During fire oxides of nitrogen and carbon may be produced.

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Specific hazards during fire fighting: Material can splatter above 100C/212F. Dried product can burn.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment to ensure no eye or skin exposure. Material can create slippery conditions.

Environmental precautions:

Do not allow spillage to enter drains, sewers or waterways. Mop up material or use absorbent material. If spillage enters waterways contact the Environmental Protection Authority, or the local Waste Management Authority.

Methods & Materials for Containment & Clean Up:

Contain spills immediately with inert materials (e.g. sand, earth).

Transfer liquids and solid material to separate suitable containers for recovery or disposal.

7. HANDLING & STORAGE

Handling:

Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling chemicals. Keep container tightly closed. Do not breathe vapours, mist or gas.

Storage

Keep container closed when not in use. Store in cool, well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s): There is no exposure data for this product.

The information available is for the two hazardous components. 2-butoxyethanol CAS No. 111-76-2

Exposure limit(s): Exposure limits are listed below:

	STEL (mgm ³)	STEL (ppm)	TWA (mgm ³)	TWA (ppm)
2-Butoxyethanol	50	242	96.9	20
Monoethanolamine	15	6	7.5	3

Biological Limit Value: No biological limit allocated for chemical components.

Exposure controls:

Eye protection: Wear safety glasses. Eye protection should conform to Australian/New Zealand Standards AS/NZS 1337 – Eye Protection For Industrial Applications.

Hand protection: Wear gloves of impervious material.

Respiratory protection: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used for protection against airborne contamination. Reference should be made to Australian Standards AS/NZ 1715, Selection

Engineering measures: Use only in a well ventilated area. If handling large amounts a system of local and/or general exhaust is recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Clear
Odour:	Mild
pH:	11.5 – 12.0
Boiling point/range:	100°C Water
Melting point/range:	0°C Water
Flash point:	> 100°C
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Vapour pressure:	Not established
Relative vapour density:	<1.0 Water
Water solubility:	Soluble in all proportions
Relative density:	1.002 – 1.004
Viscosity, dynamic:	Not established
Evaporation rate:	Not established

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY & REACTIVITY

Hazardous Reactions: Product may potentially react with various halogenated organic solvents, resulting in temperature and pressure increases. Heating above 60°C in the presence of aluminium can result in corrosion and generate flammable hydrogen gas.

Materials to avoid: Do not store in aluminium containers.

Polymerization: Product will not undergo dangerous polymerize.

11. TOXICOLOGICAL INFORMATION

No data is available for this material. The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity:	LD50 rat 1090-3320 mg/kg
Acute dermal toxicity:	LD50 rat 1000-2950 mg/kg

12. ECOLOGICAL INFORMATION

Persistence and degradability

Product is readily biodegradable. Materials pass OECD test for ready biodegradability.

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose of in accordance with all local, state and federal regulations..

14. TRANSPORT INFORMATION

Classification for ROAD and RAIL transport;

Not regulated (Not dangerous for transport)

Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

15. REGULATORY INFORMATION

Label

Classification and labelling have been performed according to regulations.

Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR). All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

16. OTHER INFORMATION

Date of Preparation: 08.08.2008

Key to Abbreviations & Acronyms Used in MSDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC50	LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NOHSC	National Occupational Health and Safety Commission.
OECD	Organisation for Economic Co-operation and Development.
PEL	Permissible Exposure Limit.
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram

g/cm³	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m³	Kilograms per cubic metre
ltr	Litre
m³	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m³	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	weight

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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