1. STATEMENT OF HAZARDOUS NATURE, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Classified as hazardous according to criteria of NOHSC Australia. Not Classified as Dangerous Goods according to the ADG Code.

Product Use: Multi purpose floor and tile cleaner. See label or application sheet for details of methods of use.

Supplier: Trojan Hospitality Pty Limited
ABN: 15 002 478 800
Address: 26 Perry Street CAMPSIE NSW 2194 Telephone: +61 2 9789 3366 Facsimile: +61 2 9787 3232

Emergency Telephone: 1800 033 111 (All Hours)

2. INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>1.3%</td>
</tr>
<tr>
<td>Ethyleneglycolmonobutylether</td>
<td>111-76-2</td>
<td>7%</td>
</tr>
<tr>
<td>Non-ionic surfactants</td>
<td>Confidential</td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>Anionic surfactants</td>
<td>Confidential</td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>Pine oil</td>
<td>Confidential</td>
<td>&lt; 5%</td>
</tr>
<tr>
<td>Ammonia</td>
<td>1326-21-6</td>
<td>&lt; 1%</td>
</tr>
<tr>
<td>Other ingredients non-hazardous according to NOHSC criteria</td>
<td>Confidential</td>
<td>Balance to 100%</td>
</tr>
</tbody>
</table>

3. HEALTH HAZARDS IDENTIFICATION

APPROVED CRITERIA
Classification: Classified as a Workplace Hazardous Substance
SUSDP Classification: Schedule 5 poison
ADG Code Classification: Not Classified
UN No.: None
HAZCHEM Code: 
Initial Emergency Procedure Guide: 

POTENTIAL HEALTH EFFECTS
Health effects are likely to occur from overexposure. No adverse health effects expected if safety precautions are followed.

Acute Swallowed: Irritant to mouth and throat. May cause stomach discomfort or nausea. Butoxyethanol is a workplace Hazardous Substance and is reported to have haemolytic effects. May cause irritation to eyes, nose and throat and cause headaches.

Eye: Irritant. May cause damage if not washed out promptly.
Skin: Will cause irritation if not washed off promptly. Long-term contact may cause burns.
Inhaled: May be harmful if vapours or spray-mist is inhaled. Spray expected to be irritant to nose and respiratory system.

Chronic (long-term) effects: The 2-butoxyethanol ingredient has been shown to cause adverse reproductive effects at high concentration in animal tests.

Carcinogen status: Not classified by NOHSC, NTP or IARC
**4. FIRST AID MEASURES**

For advice, contact a Poison Information Centre (Phone 131 126 anywhere in Australia), or a doctor.

**Inhalation**
: If spray-mist has been inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Consult a doctor if symptoms arise.

**Skin contact**
: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair immediately with running water until the skin is no longer slippery. Consult a doctor if symptoms arise.

**Eye contact**
: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by Poisons Information Centre or doctor, but in any case, for at least 15 minutes. Consult a doctor immediately.

**Ingestion**
: If swallowed, do **NOT** induce vomiting. Rinse mouth with water. Give a glass of water to drink. Consult a doctor or transfer to hospital immediately. Causic ingredients and surfactants present represent an aspiration hazard.

**Notes to physician**
: Oesophageal stricture may occur.

**5. FIRE-FIGHTING MEASURES**

**Fire and explosion hazards**
: Not flammable or combustible.

**Extinguishing media**
: Use extinguishing media appropriate to surrounding fire conditions. Remove containers not involved in the fire from the vicinity. Water spray/fog, dry chemical, CO₂ or foam are preferred media.

**Fire-fighting**
: Evacuate area to upwind of fire. Summon Fire Service immediately. Emergency workers should wear full protective equipment and supplied-air breathing apparatus. Toxic or irritating particulates, vapours or gases may be produced. Spray water on containers to cool to prevent over-pressure. Contain contaminated fire-fighting water.

**6. ACCIDENTAL RELEASE MEASURES**

**Accidental release**
: Evacuate immediate area. Wear Personal Protective Equipment detailed in Section 8. Seal leak if safe to do so. Place leaking containers in overbin, label for disposal. Contain spill with absorbent material such as dry sand. Do not allow to enter drains or sewer. Sweep up and place in labeled container. Dampp down contaminated area with water, cover with absorbent and sweep up and place in labeled container. Negotiate disposal with Waste Authority for jurisdiction.

**Occupational release**
: As for accidental release.

**7. HANDLING AND STORAGE**

Store away from heat in sealed containers. Store and stow away from acidic materials. Do not store in direct sun. Do not smoke when handling or using. Keep in an area where leaks cannot enter drains.

**8. EXPOSURE CONTROL AND PERSONAL PROTECTION**

**EXPOSURE LIMITS**

NOHSC TWA
: 2 mg/m³ for potassium hydroxide – also peak limitation

NOHSC STEL
: 121 mg/m³ for 2-butoxyethanol*

*: under review, possible reduction to TWA and addition of STEL of 50ppm

**TWA**
: The Time Weighted Average (TWA) is the concentration of the substance in the worker’s breathing zone, exposure to which over 8-hour days, 5-day weeks over a working lifetime, should not cause any undue discomfort or health impairment to nearly all workers.

**STEL**
: The Short Term Exposure Limit (STEL), means a 15 minute TWA exposure which should not be exceeded and should not be repeated within 60 minutes or more than four times per day.
Material Safety Data Sheet
No Slip

ENGINEERING CONTROLS
For normal use, natural ventilation is expected to be adequate.

PERSONAL PROTECTION
Ventilation : Mechanical ventilation is not required in normal use where there is good natural ventilation. Use in well ventilated space.
Respirator : Not required for normal use in a well ventilated area.
Eye protection : Avoid contact with eyes. Wear eye protection complying with AS 1337 of type, safety glasses.
Skin protection : Required when decanting/handling concentrate from original container. Avoid contact with skin. Wear impervious gloves complying with AS 2161 of type, PVC-coated cotton. Protect skin by wearing long sleeved garments.

Flammability : Not flammable or combustible.

9. PHYSICAL AND CHEMICAL PROPERTIES

State : Liquid
Colour : Pink
Odour : Pine
Boiling Point : ~100°C
Specific Gravity (SG) : 1.0 @ 20°C
Water solubility : Soluble
pH : > 10.0
Flash point : None
Autoignition temp. : None
Lower explosive limit : Not applicable
Upper explosive limit : Not applicable

10. STABILITY AND REACTIVITY
Reactivity : Not reactive.
Conditions to avoid : Contact with any acid or acidic material or oxidizing agent.
Incompatibilities : Incompatible with acids, oxidizing agents, reactive metals such as aluminium, tin and zinc. Absorbs CO₂ from the a.r.
Hazardous decomposition : No decomposition expected at normal temperatures.
Polymerisation : No hazardous polymerisation will occur.

11. TOXICOLOGICAL INFORMATION
Local effects of product : If in eyes, will cause irritation and possible damage if not washed out promptly. Frequent contact with skin may cause irritation. Prolonged contact expected to cause irritation.
Target organs : Eyes, skin, blood, digestive system. No data on the product mixture is available. Hazard estimated from consideration of hazardous ingredient concentration.
Hazardous ingredient : 2-butoxyethanol (hazardous only above 12.5%)
LD₅₀ : oral rat 530 mg/kg (lowest reported)
LD₅₀ : dermal rabbit 100-610 mg/kg
Eye : irritant
LC₅₀ : inhalation 4-hr rat 450 mg/L
R-Phrase : (for < 20% concentration) HARMFUL BY INHALATION, CONTACT WITH SKIN AND IF SWALLOWED (R20/221/22) IRRITATING TO RESPIRATORY SYSTEM (R37)
Sensitising : Not a sensitisier.
Mutagenicity data : Probably not genotoxic according to assays.
Material Safety Data Sheet
No Slip

Reproductive effects: The ingredient caused fertility reduction in mice only at toxic doses. In animal tests, testicular degeneration found with lower MW homologues, was not found with 2-butoxyethanol. Developmental effects were only found at maternally toxic doses. No evidence of teratogenicity was found (Reference: NICNAS PEC 6 report).

Hazardous ingredient: Potassium hydroxide (hazardous at 0.5% or more)
LD50: oral rat 273 mg/kg
Dermal Draize standard: Severe
Eye: Application of 0.1ml of a 1% solution for 5 minutes, or 24 hours before washing the eye resulted in irritation.
R-Phrase: CAUSES SEVERE BURNS (R35)
Sensitising: Not a sensitisier.
Mutagenicity data: Not mutagenic to E.Coli.
Reproductive effects: No data found.

12. ECOLOGICAL INFORMATION
No data on product. Not expected to be toxic to aquatic organisms.

Toxicity to fish: For potassium hydroxide: TLm: 80 ppm/Mosquito fish/24 hr/Fresh water.
Toxicity to daphnia: No data on product.
Toxicity to algae: No data on product.
Toxicity to bacteria: No data on product.
Ready biodegradability: No data on product.

Environment Canada concluded (13/05/03) that 2-butoxyethanol, although "toxic" in the environment, does not cause harm at the concentrations present.

13. DISPOSAL CONSIDERATIONS
Preferred method of disposal: If the liquid cannot be salvaged and used, arrange disposal with Waste Authority to the liquids disposal facility. Landkill disposal may be possible, if approved by local authority. Rinse out the "empty" container into the next container to be used and recycle if recycling system is available.

14. TRANSPORT INFORMATION AND STORAGE CLASS
ADG Code requirements: None
UN No.: None
Proper shipping name: None
ADG Code Class: None
ADG Code Sub-risk: None
Packing Group: None
Initial Response Guide: None
Special provision: None
Stowage: None

15. REGULATORY INFORMATION
AICS Status Of Ingredients: According to information available, all ingredients are present in the Australian Inventory of Chemical Substances and the product is legal to import or manufacture.

16. OTHER INFORMATION
As the product is intended for use at workplaces and is classified as a Workplace Hazardous Substance, the product is to be labeled as such, including:

Page 4 of 5
Version: 2
Issue Date: 21 June 2004

Code: NS005
NS010
NS025
Material Safety Data Sheet
No Slip

R-Phrases : HARMFUL IF SWALLOWED, OR IN CONTACT WITH EYES OR SKIN (R21/22)
IRRITATING TO EYES, SKIN AND RESPIRATORY SYSTEM (R36/37/38)

S-Phrases : KEEP OUT OF REACH OF CHILDREN (S2)
AVOID CONTACT WITH SKIN AND EYES (S24/25)
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER
AND CONTACT A DOCTOR OR POISONS INFORMATION CENTRE (S26)
WEAR SUITABLE GLOVES AND EYE PROTECTION (S39)
IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, CONTACT A DOCTOR POISONS
INFORMATION CENTRE AND SHOW THIS MSDS (S45)

Poisons regulation requirements: SCHEDULE 5 POISON (if intended for sale to consumers, Poisons labeling also
required according to SUSDP)

ACRONYMN
ACGIH : American Conference of Government Industrial Hygienists
AICS : Australian Inventory of Chemical Substances
CAS No. : Chemical Abstracts number
IARC : International Agency for Research on Cancer
NOHSC : National Occupational Health and Safety Commission
NTP : National Toxicology Programme (USA)
OHSA : Occupational Health & Safety Administration (USA)
R-Phrases : Risk phrases identifying main hazard of ingredient or product
S-Phrases : Safety phrases identifying main safety measures to be used
SUSDP : Standard for the Uniform Scheduling of Drugs and Poisons
UN No. : United Nations identifying number for DG

CONTACT
Name : Jason Lawecki
Supplier : Trojan Hospitality Pty Limited
ABN : 15 002 478 800
Address : 2-6 Perry Street CAMPsie NSW 2194
Telephone : +61 2 9789 3366 Facsimile : +61 2 9787 3232

MSDS Creation Date : 21 June 2004
Next Revision Date : Not later than 21 June 2009, but may require revision within three years of the new national MSDS
code being adopted by jurisdictions, or when new or better information becomes available.
Version Authorised By : Robert Lawecki (Director) – 21 June 2004

SUPPLIER STATEMENT
All information given in this data sheet and by the company’s technical staff is compiled from the best information currently
available to the company. The company accepts no responsibility whatsoever for its accuracy or for any results which may be
obtained by customers. Any customer who relies upon any advice or information given in this data sheet by the company or by
its technical staff does so entirely at its own risk and the company will not be liable for any loss or damage thereby suffered
notwithstanding any want of care on the part of the company or its staff in compiling or giving the advice or information.