Safety Data Sheet

1. Identification

Product Identifier: **Wood Finish Stripper**
Other means of identification: No entry

Recommended use of the chemical and restrictions on use: Strips varnish from wooden surfaces. No information for uses advised against.

Details of manufacturer or importer:

Supplier:	Viccon Deck And Fence (Bordgroup Pty Ltd)
ABN No:	18 618 332 808
Street Address:	55 Viney Street, Clarinda Vic 3169 Australia.
Telephone:	+61 1300 406 190
Web Address:	www.deckandfence.com.au
Emergency telephone number:	000 (Available 24 hours)

2. Hazard Identification

Classification of the substance or mixture: This material is classified as hazardous according to the criteria of Regulation (EC) No. 1272/2008 (CLP), the Globally Harmonised System of Classification, Labelling and Packaging and Safe Work Australia.

Flammable Liquids - Category 4
Acute Toxicity - Oral - Category 4
Acute Toxicity - Dermal - Category 4
Acute Toxicity - Inhalation - Category 4
Skin Corrosion/Irritation - Category 1A
Serious Eye Damage/Irritation - Category 1

Label elements/pictogram:

Signal Word:
Danger

Hazard Statements:
H227: Combustible liquid
H302: Harmful if swallowed
H312: Harmful in contact with skin
H314: Causes severe skin burns and eye damage
H332: Harmful if inhaled

Prevention Precautionary Statements:
P102: Keep out of reach of children
P103: Read label before use
P210: Keep away from all sources of ignition - No smoking
P260: Do not breathe fume, gas, mist, vapours or spray
P264: Wash hands, face and all exposed skin thoroughly after handling
P271: Use only outdoors or in a well-ventilated area

P280: Wear protective clothing, gloves, eye/face protection and suitable respirator

Response Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand

P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P363: Wash contaminated clothing before reuse

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing

P310: Immediately call a POISON CENTRE or doctor/physician

P370+378: In case of fire: Use alcohol resistant foam, standard foam or dry agent for extinction

Storage Precautionary Statements:

P403+235: Store in a well-ventilated place. Keep cool

P405: Store locked up

Disposal Statements:

P501: Dispose of contents/container in accordance with local, regional, national and international regulations.

Chemical Identity	CAS No.	EC No.	Concentration of Ingredients (% w/w)
2-Butoxyethanol	111-76-2	203-905-0	> 60%
Potassium Hydroxide	1310-58-3	215-181-3	1-10%
Non-Hazardous	-	-	Balance

Poison Schedule: S6 Poison

3. Composition/Information on Ingredients

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP).

4. First Aid Measures

Description of necessary first aid measures: For advice, contact a Poisons Information Centre (eg. Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor at once.

Ingestion: If swallowed, immediately rinse mouth with water. Do not induce vomiting. If vomiting occurs, give further water. Contact a Poisons information Centre or Doctor for advice.

Skin Contact: If spilt on large areas of skin or hair, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water until advised to stop by a Poisons Information Centre or a doctor. Burns may be covered with a clean, dry gauze dressing. Transport to hospital or a medical centre.

Inhalation: If inhaled, remove from contaminated area into fresh air. Remove contaminated clothing. If person has difficulty in breathing, ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva or, oxy-viva or one-way mask. Seek immediate medical advice.

Eye Contact: If in eyes, hold eyelids apart and immediately flush the eye continuously with running water. Remove contact lenses if present, and safe to do so. Continue flushing until advised to stop by a Poisons Information Centre or a doctor. Transport to hospital or a medical centre.

Symptoms caused by exposure: Refer to Section 11 for Toxicological Information.
Medical attention and special treatment: Treat symptomatically. Can cause cornmeal burns.

5. Fire Fighting Measures

Hazchem Code: • 2R

Suitable extinguishing equipment: If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards arising from the chemical: Combustible liquid. Corrosive substance. Incompatible with acids. Acid chlorides, organic, materials, zinc, aluminium, nitroalkanes, nitrobenzene and chlorine dioxide.

Special protective equipment and precautions for fire fighters: On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Clear area of all unprotected personnel. Stop the source of the leak, if safe to do so. Clean up immediately. Work up wind or increase ventilation. Contain - prevent runoff into drains and waterways. Cover drains if necessary. Avoid contact with eyes, skin and clothing. Avoid breathing vapour. Wear protective equipment to prevent skin and eye contact and the inhalation of vapour, aerosols and spray mists.

Environmental precautions: If contamination of crops, sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

Large spills
Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in sealable containers or drums for disposal. Clean contaminated area and objects with plenty of water and detergent. Cotain and absorb wash water for disposal.

Small spills
Use inert absorbent material such as sand or soil to soak up spill. Collect spilled product and place in a sealable container for disposal. Clean contaminated area and objects with plenty of water and detergent.

7. Handling and Storage

Precautions for safe handling: Avoid contact with skin, eyes and clothing. Avoid breathing vapour, aerosols or spray mist. Use only in well ventilated areas. Wear protective clothing when mixing or using. Wash hands thoroughly after use.

Conditions for safe storage, including any incompatibilities: Store in a dry, clean, cool, well ventilated place away from sunlight. Store in the original, labelled container and keep container tightly closed when not in use. Store container upright and away from acids, acid chlorides, organic materials, zinc, aluminium, nitroalkanes, nitrobenzene, chlorine dioxide and foodstuffs. Check regularly for leakage.

Keep out of reach of children. This product is a schedule 6 poison and must be stored and handled in accordance with the recommendations of the Standard for the Uniform Scheduling of Medicines and Poisons.

This material is classified as a Dangerous Good Class 8 Corrosive as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. Exposure Controls/Personal Protection

Control parameters

Exposure standards: No workplace exposure standard has been assigned for this specific material by Safe Work Australia; however for constituent:

2-BUTOXYETHANOL: TWA = 20 ppm (96.9 mg/m3)
STEL = 50 ppm (242 mg/m3)

POTASSIUM HYDROXIDE: Peak Limitation = 2 mg/m3

As published by Safe Work Australia (http://www.safeworkaustralia.gov.au/sites/SWA).

8-hour Time-weighted average (TWA) means the maximum average airborne concentration of a substance when calculated over an eight-hour working day, for a five-day working week.

Short term exposure limit (STEL) means the time-weighted average maximum airborne concentration of a substance calculated over a 15-minute period.

Peak limitation means a maximum or peak airborne concentration of a substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standards. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Exposure standards represent airborne concentrations of individual substances which, according to current knowledge, should neither impair the health of, nor cause undue discomfort to, nearly all workers. Exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contaminates should be kept to as low a level that is practical. These exposure standards should not be used to define a line between a safe and dangerous concentration of a chemical. They are not a measure of relative toxicity.

Biological monitoring: No biological monitoring required.

Appropriate engineering controls: Ensure ventilation is adequate to ensure that air concentrations of components are controlled below listed workplace exposure standard. Use with local exhaust ventilation or while wearing appropriate respirator. Keep containers closed when not in use.

Personal protective equipment:

Manufacturing, Packaging and Transport: Personal protective equipment should be used only when other control measures (eg. elimination, substitution, isolation and engineering controls) have been found to be impracticable or in conjunction with one or more control measures. When needed, wear gloves, goggles, apron (or coveralls), rubber boots and face mask. If inhalation risk exists, wear air purifying respirator meeting the requirements of AS/NZS 1715 AS/NZS 1716 (Australian/New Zealand StandardTM respiratory protective devices). Available information suggests that gloves made from nitrile rubber should be suitable for intermittent

contact. However, due to variations in glove construction and local conditions, the user should make a final assessment.

Wash contaminated clothing and protective equipment before storing or re-using.

Recommendations for consumer use: Wear safety glasses and gloves. Avoid inhaling vapour. Wash hands after use.

9. Physical and Chemical Properties

Appearance/odour:	Clear liuid with an ether-like odour.
Solubility:	Soluble in water.
Odour threshold:	Not available
pH:	>12.5
Specific gravity/density:	Approx. 1.0
Melting point:	Not available
Initial boiling point:	Approx. 171 °C
Boiling point range:	Not available.
Flash point:	>60.5 °C
Evaporation rate:	Not available.
Flammability:	Not available.
Flammability limits:	Not available.
Vapour pressure:	Not available
Rel. vap. Density, air=1:	>1
Partition co-efficient:	Not available.
Autoignition Temp:	Not available.
Decomposition Temp:	Not available.
Viscosity:	Not available.

10. Stability and Reactivity

Reactivity/Incompatible materials: Reacts with acids, acid chlorides, organic materials, zinc aluminium, nitroalkanes, nitrobenzene and chlorine dioxide.

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Avoid contact with foodstuffs. Keep containers tightly closed when not in use. Avoid extremes of temperature and direct sunlight. Avoid contact with incompatible materials.

Possibility of hazardous reactions: No hazardous reactions when stored and handled within normal conditions of use.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. Toxicological Information

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Toxicity

Ingestion: Swallowing can result in nausea, vomiting, abdominal pain and burns to the gastrointestinal tract. If burns to the gastrointestinal tract develop, swelling of the larynx, and subsequent suffocation, perforation of the gastrointestinal tract, coma and cardiovascular collapse may result.

Skin contact: Product will cause burns before being absorbed to any appreciable extent through the skin.

Inhalation: Inhalation of vapour, mists or aerosols may result in respiratory irritation.

Corrosion/Irritation

Skin Contact:	Contact to skin- may cause skin burns.
Eye contact:	Corrosive to eyes. Can cause corneal burns that may result in permanent injury.

Respiratory and skin sensitisation

This product is not expected to cause respiratory nor skin sensitisation.

Other toxic effects

This product is not expected to be a germ cell mutagen and cause heritable genetic damage. This product is not expected to be carcinogenic and cause cancer.

This product is not expected to be a reproductive toxicant and impair fertility nor cause irreversible effects in the offspring.

This product may cause respiratory irritation if the product is inhaled following a single exposure.

There is not sufficient data to presume that this product causes specific organ toxicity following repeated exposures.

This product is not expected to present an aspiration hazard.

12. Ecological Information

Ecotoxicity:	Avoid contaminating waterways.
Persistence and degradability:	No information available.
Bioaccumulative potential:	No information available.
Mobility in soil:	No information available.
Other adverse effects:	Not dangerous to the ozone layer.

13. Disposal Considerations

Disposal methods: Do not empty into drains. Refer to State Land Waste Management Authority.

14. Transport Information

Road and Rail Transport

DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

Class/Division:	8 CORROSIVE SUBSTANCE
UN No.	1814
Packing Group:	II
Proper Shipping Name:	PHOTASSIUM HYDROXIDE SOLUTION
Hazchem Code:	2R

Environmental hazards for transport purposes: Not a marine pollutant according to the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.

Special precautions for transport: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), radioactive substances (Class 7) or food and food packaging in any quantity, however exemptions may apply. Note that concentrated strong alkalis are incompatible with concentrated strong acids.

Additional information: There is a limited quantity exemption of 1L for this product.

Marine Transport
DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division:	8 CORROSIVE SUBSTANCE
UN No.	1814
Packing Group:	II
Proper Shipping Name:	POTASSIUM HYDROXIDE SOLUTION

Air Transport
DANGEROUS GOODS - Classified as Dangerous Goods according to the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division:	8 CORROSIVE SUBSTANCE
UN No.	1814
Packing Group:	II
Proper Shipping Name:	POTASSIUM HYDROXIDE SOLUTION

15. Regulatory Information

Safety, health and environmental regulations:

SCHEDULE 6 POISON - Listed as a schedule 6 poison in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All of the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS).
This material is not listed as subject to the following international agreements:

- An ozone depleting substance according to the Montreal Protocol.
- A persistent organic pollutant according to the Stockholm Convention.
- As requiring Prior Informed Consent according to the Rotterdam Convention.

This material is listed as subject to the following international agreements:

- As Dangerous Goods (Hazardous Waste) according to the Basel Convention on Hazardous Waste
  - Basic solutions or bases in solid form.
- A marine pollutant, according to the Prevention of Pollution from Ships (MARPOL).
  - Annex III - Harmful Substances carried in Packaged Form.

16. Other Information

References

1. Chemical Book (2020). Potassium Hydroxide. CAS No. 1310-58-3. (https://www.chemicalbook.com/ChemicalProductProperty_EN_CB3107908.htm)
2. ECHA (2020). European Chemicals Agency. C&L Inventory. Potassium Hydroxide. CAS 1310-58-3. (https://www.echa.europa.eu/information-on-chemicals/cl-inventory-database)
3. Chemical Book (2020). 2-Butoxyethanol. CAS No. 111-76-2. (https://www.chemicalbook.com/CASEN_111-76-2.htm)

Reason for Issue:

Supersedes Revision: Not applicable.
Reason for Issue: First issue.

This Safety Data Sheet was prepared by SDS Writers (www.sdswriters.com).

The information contained in this Safety Data Sheet is intended to give general guidance on how to safely handle the product in the workplace. Since the supplier of this product cannot anticipate or control the conditions under which it may be used, each user must, prior to usage, assess and control the risks arising from the use of this product. If clarification or further information is needed, the user should contact the product supplier, listed on the first page of this document.

The supplier's responsibility for the product as sold is subject to the terms and conditions of sale, a copy of which is available on request.

End of SDS.