



Innovation from tanning technology

Material Safety Data Sheet

OILSKIN REPROOFER – SPRAY APPLICATION

This MSDS complies with the Guidelines of the UN Globally Harmonized System of Classification and Labeling of Chemicals (16 sections) GHS 3rd Edition, 2009.

1 IDENTIFICATION

PRODUCT NAME: OILSKIN REPROOFER – SPRAY APPLICATION

OTHER NAMES: Burke & Wills Oilskin Reproofer,
Didgeridoonas Oilskin Reproofer, 1933
Oilskin Reproofer,
RM Williams Oilskin Reproofer

SUPPLIER NAME: Tantech Pty Ltd. Bruce Trevena (ABN 90 595 614 220)

ADDRESS: 218 MT FRENCH ROAD, BOONAH QLD 4310

TELEPHONE: +61 1300 309 545

E-MAIL: TANTECH@BIGPOND.COM

EMERGENCY TELEPHONE NUMBER: 07 5543 6911 (All Hours)

POISONS INFORMATION CENTRE: 131126 (All Hours)



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2 HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: Classification as non-hazardous according to the criteria of NOHSC. Not a hazardous substance or preparation according to EC-directives 87/548/EWG or 88/379 EWG

RISK ADVICE TO MAN AND THE ENVIRONMENT

Spray applications are dangerous for the respiratory tracts and, therefore, require special knowledge and precautions. Ensure that no respirable particles are produced or that suitable respiratory protective devices/exhaustion are used. When sprayed the respiratory tracts may be irritated by aerosol drops.

SAFETY PHRASES

S7 Keep container tightly closed.
S23 Do not breathe fumes / aerosol.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

3 COMPOSITION / INFORMATION ON INGREDIENTS

OILSKIN REPROOFER – SPRAY APPLICATION is a mix of cationic and non-ionic emulsifiers containing fluorocarbon hydrophobic surface curing agents, solvents, preservatives and waxes.

4 FIRST AID MEASURES

INGESTION

Clean mouth with water and drink afterwards plenty of water. Consult a physician.

EYE CONTACT

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN CONTACT

Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water.

INHALATION

Move to fresh air. If unwell, seek medical advice (show the label where possible).

NOTES TO PHYSICIAN

Treatment: Symptomatic treatment.



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5 FIRE FIGHTING METHODS

SUITABLE EXTINGUISHING MEDIA

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

HAZARDS FROM COMBUSTION

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards caused by the substance, its products of combustion or resulting gases:

In case of fire, the following can be released:

Carbon monoxide (CO)+ Carbon dioxide (CO₂)

Hydrogen fluoride (HF)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT

Wear self-contained respiratory protective device.

ADDITIONAL INFORMATION

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Goggles, gloves, respiratory protection.

ENVIRONMENTAL PRECAUTIONS

Try to prevent the material from entering drains or water courses.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).



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7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Safe handling advice:

Smoking, eating and drinking should be prohibited in the application area. Handle in accordance with good industrial hygiene and safety practice. Advice on protection against fire and explosion: Keep away from sources of ignition-no smoking.

CONDITIONS FOR SAFE STORAGE

Requirements for storage areas and containers:

Keep container tightly closed. Keep in dry, cool and well-ventilated place.

FURTHER INFORMATION

Protect against freezing.

Advice on common storage: Keep away from strong acids and oxidising agents German storage class: Combustible liquids neither in Storage Class 3A nor 3B.

Storage temperature: >0°C



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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL FACILITIES

No further data; see item 7.

INGREDIENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE

67-630 propan-2-ol

NES (Estonia) Short term value: 1230 mg/m³, 500ppm

Long-term value: 983 mg/m³, 400ppm

111-76-2 Ethylene glycol monobutyl ether 8 hr TWA=96.9mg/33.20ppm. 15 min. stel=242mg/m³(50ppm).

Ingredient information required only for product manufacture. In aqueous emulsion these ingredients are not volatile.

ADDITIONAL INFORMATION

None

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygiene measures:

Wash hands before breaks and at the end of work.

Respiratory protection:

The irritation of the respiratory tracts by sprays can be never excluded and, therefore, suitable precautions have to be taken, such as effective exhaustion and/or suitable respiratory masks, which are adapted to the particle size. Filter P2. Use suitable respiratory protective device only when aerosol or mist is formed.

Recommended filter device for short term use: P2

Protection of hands:

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Protective gloves

Material of gloves

Nitrile rubber, NBR

Butyl rubber, BR

Recommended thickness of the material: 0.4mm

Penetration time of glove material

Value for the permeation: Level 6 (480 min)

As protection from splashes gloves made of the following materials are suitable

Butyl rubber, BR, nitrile rubber, NBR

Eye protection

Safety glasses

Body protection

Protective work clothing



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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White Liquid
ODOUR:	Ether like
pH:	5-6
VAPOUR PRESSURE:	25hPa at 20°C
DENSITY:	1,000G/CM ²
BOILING POINT / RANGE:	100°C
MELTING POINT:	ca °C
WATER SOLUBILITY:	at 20oC Note: completely miscible

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID

Suitable under normal conditions. Product has high stability.

HAZARDOUS DECOMPOSITION

Highly toxic fumes, fluorinated hydrocarbons, gaseous hydrogen fluoride (HF)

HAZARDOUS REACTIONS

Exothermic reaction with oxidising agents. Corrodes base metals. Note: No decomposition if stored and applied as directed.



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11 TOXICOLOGY INFORMATION

ACUTE EFFECTS

LD/c50 values relevant for classification:

Oral LD-50 > 5000 mg/kg (Rat)

EYE CONTACT

Due to the product composition slight irritations of the eyes cannot be excluded.

SKIN CONTACT

Due to the product composition slight irritations of the skin cannot be excluded.

INHALATION

Avoid the inhalation by all means. Use in a well ventilated area.

SENSITIZATION

No sensitizing effects known.

ADDITIONAL TOXICOLOGY INFORMATION

Apart from its chemical properties, the toxicity of sprays is influenced by many other factors. The particles' size is decisive, which has an influence on how respirable the sprayed particles are. The (co-) solvents used, the application temperature and other factors can have different effects. Since these factors are beyond our control, no statements can be made. The product has not been tested. The information is derived from the properties of the individual components. When sprayed in inadequately ventilated places, the aerosol drops may seriously irritate the respiratory tract! Therefore it is absolutely necessary to strictly observe the instructions of chapter (paragraph 8).



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12 ECOLOGICAL INFORMATION

INFORMATION ABOUT ELIMINATION (PERSISTENCE AND DEGRADABILITY):

Classification

Readily eliminable from water >80% reduction using OECD 302B method for DOC decrease.

Aquatic toxicity

LC-50>100 mg/l (Vertebrata)

Behaviour in sewage processing plants

EC-50>300 mg/l (activated sludge)

Elimination > 80% (OECD) 302 B)

Additional ecological information

COD value

490 mg/g

BOD5-value

110 mg/g

AOX-Indication

Small amounts to the product may slightly affect the AOX-value of the waste water.

According to the formulation contains the following heavy metals and compounds from the EU guideline. No. 76/464 EC

The product does not contain metals in waste water relevant concentrations.

General notes

The ecotoxic effect of the product has not been tested. The information on this was derived from products similar structure or composition.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Empty containers should be taken for local recycling or waste disposal.

SPECIAL PRECAUTIONS FOR LANDFIL OR INCINERATION

Can be incinerated, when in compliance with the Environment Protection Act 1990 (Process Guidance Note IPR/1)



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14 TRANSPORT INFORMATION

The data in this chapter are independent of the packaging. Not dangerous goods meaning of RID/ADR, ADNR, IMDG-Code, ICAO/IATA-DGR.

15 REGULATORY INFORMATION

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

All ingredients are listed.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS

None of the ingredients is listed.

LABELLING ACCORDING TO EU GUIDELINES

The product has been classified and marketed in accordance with EU Directives/Ordinance on Hazardous Materials.

SAFETY PHRASES

- S7 Keep container tightly closed
- S23 Do not breathe fumes/aerosol
- S24/25 Avoid contact with skin and eyes
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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16 OTHER INFORMATION

GENERAL INFORMATION:

OILSKIN REPROOFER – SPRAY APPLICATION is a fully ecologically safe product and will degrade in both anaerobic and aerobic digestion ponds.

This MSDS is to be reviewed annually and, if necessary the re-issue of a MSDS shall be no longer than 5 years after the last date of issue. Update to conform to requirements of NOHSC - 2011 (2003); 16 - header format.

REASON(S) FOR ISSUE

Update to conform to requirements of NOHSC - 2011 (2003); 16 - header format and in line with other countries adopting the UN Guidelines of 2009.

THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES.



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LITERARY REFERENCE:

SOURCES FOR DATA:

LEGEND:	
AICS	Australian Inventory of Chemical Substances
APVMA	Australian Pesticides and veterinary Medicines Authority
AQIS	Australian Quarantine and Inspection Services
AS	Australian Standard (as issued by Standards Australia)
MSDS	Material Safety Data Sheet
NOHSC	National Occupational Health and Safety Commission
STEL	Short Term Exposure Limit – A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the eight – hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be no longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.
TGA	Therapeutic Goods Administration
TLV	Threshold Limit Value – TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.
TWA	Time Weighted Average - The average airborne concentration of a particular substance when calculated over a normal eight – hour working day, for a five – day working week.

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge and safety information of the product, and in particular how to safely handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and condition, a copy of which is sent to our customers and is also available upon request.

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End of MSDS