



MATERIAL SAFETY DATA SHEET

SPRAY-ON WIPE-OFF SURFACE CLEANER

SECTION 1: IDENTIFICATION

PRODUCT NAME: SPRAY-ON WIPE-OFF SURFACE CLEANER

Other Names: All Purpose Spray On Wipe Off Cleaner.

Product Codes:

3x5L bottles: 631070700

1 x 15L Drum: 631070800

12 x 750ml Bottles: 631070400

Recommended Use: Ready to use Surface Cleaner and Disinfectant.

SUPPLIER:

Pelikan Artline Pty. Ltd.
17-19 Waterloo Street, Queanbeyan, NSW 2620 AUSTRALIA.
PO Box 100 Queanbeyan NSW 2620 AUSTRALIA.
Phone: +61-2-6284-4555 Fax: +61-2-6284-4556
Email: MSDS@pelikanartline.com.au

MANUFACTURER:

Pelikan Artline Pty. Ltd.
17-19 Waterloo Street, Queanbeyan, NSW 2620 AUSTRALIA.
PO Box 100 Queanbeyan NSW 2620 AUSTRALIA.
Phone: +61-2-6284-4555 Fax: +61-2-6284-4556
Email: MSDS@pelikanartline.com.au

SECTION 2: HAZARDS IDENTIFICATION

NON HAZARDOUS

According to criteria of: National Occupational Health & Safety Commission
NOHSC

HAZARDS CLASSIFICATION: None Allocated

NOT DANGEROUS GOODS

DANGEROUS GOODS CLASSIFICATION: None Allocated

According to criteria of: Australian Dangerous Code for Transport by Road & Rail.

NOT CLASSIFIED AS A POISON

According to criteria of:

Standard for the Uniform Scheduling of Drugs and Poisons

RISK PHRASES

None Allocated.

SAFETY PHRASES

None Allocated.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS		
Chemical Entity	CAS No	Proportion (%)
2-Butoxyethanol	[111-76-2]	< 10%
Ethanol	[64-17-5]	<1%
Non-hazardous ingredients		To 100%

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF NECESSARY MEASURES ACCORDING TO ROUTES OF EXPOSURE

Swallowed

Rinse mouth with water. Give water to drink provided the person is conscious. Never give anything by mouth to an unconscious person. **DO NOT** induce vomiting and seek Medical attention. For advice, contact Poisons Information Centre (Phone Australia 13126; New Zealand 0800 764 766) or a Doctor.

Eye

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes. Seek medical attention if pain or irritation persists.

Skin

If Skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation or discomfort persists, seek medical attention. Wash clothing before reuse.

Inhaled

Not considered a probable path of exposure. If in distress remove victim to fresh air. If breathing is difficult seek medical attention.

ADVICE TO DOCTOR

Treat symptomatically based on the individual reactions of patients and judgement of the Doctor.

NOTE: For advice in an emergency, contact the Poisons Information Centre in Australia 13-11-26 or New Zealand 0800-764-766

ADDITIONAL INFORMATION

AGGRAVATED MEDICAL CONDITIONS CAUSED BY EXPOSURE

No information is available on medical conditions, which are aggravated from exposure to this product.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

In case of fire, appropriate extinguishing media include Water Spray or Fog, Dry Chemical, Foam, Carbon Dioxide. Use Water to keep fire-exposed containers cool and to protect personnel

HAZARDS FROM COMBUSTION PRODUCTS

The product is not combustible under normal conditions. When involved in a fire, this product may generate Carbon Dioxide and Carbon Monoxide. Stable under ordinary conditions of use and storage. Incompatible with Oxidizing Agents and Acids.

SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS

No specific data is available.

FLAMMABILITY CONDITIONS

Product is aqueous and is not considered Combustible.

HAZCHEM Code

No Hazchem Code has been allocated for this product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

Persons involved in a major spill clean-up should wear appropriate personal protective equipment. Isolate hazard area and stop leaks if safe to do so. Avoid walking through spilled product, as it may be slippery. Keep unnecessary and unprotected personnel from entering the area. DO NOT allow product to enter drains or waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust or cellulose. Do not flush to sewer.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Ensure an eye bath and safety shower is available and ready for use. Observe good personal hygiene practices and recommended procedures. Avoid prolonged contact with skin. Avoid contact with eyes.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBLES

Protect against physical damage. Store in a cool, dry well-ventilated area. Separate from oxidizing materials and acids.

CONTAINER TYPE

Store in original containers. Discard diluted product immediately after use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS

2-Butoxyethanol

TWA (ppm) 20 TWA (mg/m³) 96.9 STEL (ppm) 50 STEL (mg/m³) 242

Ethanol

TWA (ppm) 1000 TWA (mg/m³) 1880 STEL (ppm) - STEL (mg/m³) -

BIOLOGICAL LIMIT VALUES

No Data Available.

ENGINEERING CONTROLS

Natural ventilations should be adequate under normal conditions of use.

PERSONAL PROTECTION

Respiratory protection

Not considered necessary under normal conditions of use.

Skin protection

Not considered necessary under normal conditions of use however, for sensitive individuals, the wearing of gloves is recommended. When cleaning up significant spills wear protective clothing including boots, gloves, lab coat, or coveralls, as appropriate, to prevent excessive skin contact.

Eye protection

Not considered necessary under normal conditions of use. When cleaning up significant spills wear chemical safety goggles and/or full face shield where splashing is possible. Maintain eyewash and quick-drench facilities in work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A clear green coloured, water thin, liquid
Odour	Characteristic non-specific fragrance
Solubility in water	Miscible
Specific Gravity	0.95 - 1.05
pH (as is)	8 - 10
pH (1% Aqueous Solution)	No Data Available
Viscosity (@ 20°C)	Water Thin
Flash Point (°C)	Approximately 100°C

Volatile Organic Compounds (VOC) content	< 10%
Evaporation Rate	No Data Available
Percent Volatile	< 10%

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY

Product is stable under normal conditions of handling, storage and use.

CONDITIONS TO AVOID

No information is available for this product.

INCOMPATIBLE MATERIALS

Incompatible with oxidizing substances

HAZARDOUS DECOMPOSITION PRODUCTS

No information is available for this product.

HAZARDOUS REACTIONS

No information is available for this product.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA

2-Butoxyethanol LD₅₀ oral (rat) 560mg/kg; LD₅₀ inhalation (rat) 240mg/litre/4 hrs.

Ethanol LD₅₀ oral (rat) 7060mg/kg; LD₅₀ inhalation (rat) 380mg/litre/10 hrs.

HEALTH EFFECTS – ACUTE

Swallowed

This product is not harmful by ingestion when assessed against criteria of Worksafe Australia. However, this product may still cause irritation to the gastrointestinal tract. Symptoms may include nausea vomiting or diarrhoea.

Eye

This product is not an eye irritant when assessed against criteria of Worksafe Australia. However, direct eye contact may still cause immediate irritation and discomfort for some individuals.

Skin

This product is not a skin irritant may be a skin irritant when assessed against criteria of Worksafe Australia. However, prolonged skin contact may still cause irritation and discomfort for some individuals. The skin may appear red and become sore. Sensitive individuals may experience skin cracking and scaling.

Inhaled

This product is not considered a respiratory tract irritant when assessed against criteria of Worksafe Australia and should not cause adverse health effects or irritation to the respiratory tract.

12. ECOTOLOGICAL INFORMATION

ECOTOXICITY

No information is available for this product.

PERSISTENCE AND DEGRADABILITY

No information is available on the persistence and degradability of this product.

MOBILITY

DO NOT allow product to enter Waterways, Drains and Sewers.

ENVIRONMENTAL FATE (Exposure)

No information is available for this product.

BIOACCUMULATION POTENTIAL

No information is available on the Bioaccumulation Potential of this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS

Dispose of in accordance with all local, state and federal regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options.

SPECIAL PRECAUTIONS FOR LANDFILL AND INCINERATION

No Data is available.

14. TRANSPORT INFORMATION

UN No: Not Regulated
Shipping Name: Not Regulated
DANGEROUS GOODS CLASS: Not Regulated
Subsidiary Risk: Not Regulated
Packaging Group: Not Regulated
HAZCHEM Code: Not Regulated
PRECAUTIONS for User: Not Regulated

15. REGULATORY INFORMATION

Poisons Schedule: Not Regulated
EPG: Not Regulated
AICS Name: Not Regulated
NZ Toxic Substance: Not Regulated

16. OTHER INFORMATION

LEGEND TO ABBREVIATIONS AND ACRONYMS:

<	Less than
>	Greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
COD	Chemical Oxygen Demand
ERMA	Environmental Risk Management Authority
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air, which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time.
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
Misc	Miscible
N/A	Not Applicable
NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission

OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN No	United Nations (number)
deg C (°C)	Degrees Celsius
g	Gram
g/cm ³	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m ³	Kilograms per cubic metre
ltr	Litre
m ³	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m ³	Milligrams per cubic metre
Miscible	Liquids form one homogeneous liquid phase regardless of the amount of either component present
ppb	Parts per billion
ppm	Parts per million
ppm/2h	Parts per million per 2 hours
ppm/6h	Parts per million per 6 hours
wt	Weight

LITERATURE REFERENCES and SOURCES of DATA

List of Designated Hazardous Substances [NOHSC (National Occupational Health & Safety Commission)]

Approved Criteria for Classifying Hazardous Substances [NOHSC (National Occupational Health & Safety Commission)]

National Code of Practice for the Control of Workplace Hazardous Substances [HOHSC: 2007 (1994)]

National Standards for the Storage and Handling of Workplace Dangerous Goods [HOHSC: 1015 (2001)]

Exposure Standards Database [NOHSC (National Occupational Health & Safety Commission)]

Australian Dangerous Goods Code for Transport of Road & Rail [ADG Code: Sixth Addition Vol 1 & Vol 2]

Standards for the Uniform Scheduling of Drugs & Poisons [National Drugs and Poisons Committee Publication 23rd Addition June 2008]

AS1940: The Storage and Handling of Flammable & Combustible Liquids

AS3780: The Storage & Handling of Corrosive Substances

AS4326: The Storage & Handling of Oxidising Substances

AS/NZS 3833: The Storage & Handling of Mixed Classes of Dangerous Goods in Packages & Intermediate Bulk Containers

END OF MSDS

Last Updated : June 2011

Revised By: Pelikan Artline Pty Ltd



This MSDS summarises Pelikan Artline Pty Ltd best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Pelikan Artline Pty Ltd expressly disclaims that the MSDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the MSDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.

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