

So Safe Specialty Products Pty. Ltd.

ABN 73 001 553 699

P.O. Box 386, Brookvale NSW 2100,
Australia

Section 1: Identification of the Material and Supplier

Product Name: Blue Flusherette Tank Treatment

Other Names: Dilute aqueous surfactant solution.

Proper shipping name (ADG Code): None assigned.

Recommended use: As an additive to toilet cisterns, for use in automatic dispensing systems. Use as directed on the product label.

Supplier: So Safe Specialty Products Pty. Ltd.,
ABN: 73 001 553 699
50 Chard Road, BROOKVALE NSW 2100, Australia
Tel: +61 2 9938 1800 (business hours)
Fax: +61 2 9905 0979

Emergency Phone Numbers:

Transport/Fire Emergency: **000** (Emergency services)

Medical Emergency: **131126** (Poisons Information Centre)

Section 2: Hazards Identification

Classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

Risk Phrases: R: 36 Irritating to eyes.

Safety Phrases: S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S: 36 Wear suitable protective clothing.

Section 3: Composition/Information on Ingredients

Ingredients:

Lauryl alcohol ethoxylate	[68131-39-5]	< 10 %
Other ingredients		< 10 %
Water	[7732-18-5]	to 100 %

Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.

Swallowed: Do not induce vomiting.

Skin: Remove contaminated clothing and wash skin thoroughly.

Eyes: Hold eyes open, flood with water for at least 15 minutes and seek medical advice.

Inhaled: Remove from exposure.

First Aid facilities:

Recommended: Eye wash. Hand wash basin.

Advice to Doctor:

Product is a dilute aqueous solution containing a low proportion of lauryl alcohol ethoxylate. Irritating to eyes. An aspiration risk if swallowed. Contact Poisons Information Centre.

Aggravated medical conditions:

Pre-existing skin disorders.

Section 5: Fire Fighting Measures

HAZCHEM Code: None assigned.

Evacuate: No.
Extinguishant: Water.
Risk of violent reaction or explosion: No.
Products of combustion: Water vapour, oxides of carbon.
Protective Equipment: Breathing apparatus and protective gloves for fire only.

Section 6: Accidental Release Measures

Emergency Procedures:

Contain.
Prevent spillages from entering natural waters.

For large spills:

Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as for small spillage.

For small spills:

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to suitable container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Keep away from oxidising agents.

Conditions for safe storage:

Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a banded area. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

Incompatibles:

Oxidising agents.

Section 8: Exposure Controls/Personal Protection

National Exposure Standards:

ES-TWA: None assigned.

ES-STEL: None assigned.

ES-PEAK: None assigned.

Notations: None.

Biological Limit Values: No data.

Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using.
If handling industrial quantities or if aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

Personal Protective Equipment:

Avoid contact with skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Normal Use:

Eye/face protection
Gloves, rubber or plastic.

Industrial Quantities:

Face shield or safety glasses

Gloves, rubber or plastic
Plastic apron, sleeves and boots
Impervious overalls.

Section 9: Physical and Chemical Properties

Appearance: Dark blue, mobile, frothing liquid.
Odour: Slight odour of citrus.
pH: About neutral.
Vapour Pressure: 23 hPa @ 20 °C
Vapour Density: No data.
Boiling Point: From 100 °C
Melting Point: No data.
Volatiles: About 88 % (mostly as water)
Volatile Organic Compounds (VOC): 2.5 %
Evaporation Rate: No data.
Solubilities: Miscible with water in all proportions.
Specific Gravity/Density: 1 g/mL @ 20 °C
Flash Point: None.
Flammable Limits: None.
Dust Explosion: Not applicable.
Auto-ignition Temperature: No data.

Other Information:

May react with strong oxidising agents.
Slippery when spilled.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Incompatible materials.
Incompatible Materials: Oxidising agents.
Hazardous Decomposition Products: Oxides of carbon, including carbon monoxide.
Hazardous Reactions: None found.

Section 11: Toxicological Information

Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

Acute: Swallowed: Likely to cause gastric upset, with discomfort or pain, nausea, vomiting and diarrhoea. An aspiration risk.

Skin: May cause mild irritation. Will have a degreasing effect on the skin which may lead to further irritation.

Eyes: Irritating to eyes. May cause redness, itching and pain. Prolonged eye contact may result in chemical conjunctivitis and even corneal burns.

Inhaled: An unlikely route owing to the low volatility of most ingredients. Inhalation of aerosols (spray/mist) may cause respiratory irritation. Aspiration of froth into the lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.

Chronic: Repeated skin contact may lead to irritation and dermatitic effects. Repeated contact with eyes may lead to tissue damage.

LD50: Lauryl alcohol ethoxylate 1 - 2,000 mg/kg oral, rat.

Section 12: Ecological Information

Ecotoxicity: Lauryl alcohol ethoxylate:
LC50: 4.8 mg/L/96 hours, brown shrimp.

1.8 mg/L/96 hours, rainbow trout.

EC50: 0.75 - 1.2 mg/L/48 hours, daphnia magna.

Persistence and degradability: The surfactant used in this product is considered to be readily biodegradable.

Mobility: Readily transported by water.

Environmental Fate: The surfactant is biodegradable.

Bioaccumulative potential: No data.

Other adverse environmental effects: May be harmful to aquatic organisms.

Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

Disposal methods and containers:

Avoid disposal to natural waters or the environment.

Special precautions for landfill or incineration:

Unsuitable for incineration.

May be unsuitable for some landfill sites.

Section 14: Transport Information

UN Number: None assigned.

UN Proper shipping name: None.

Class and subsidiary risk: None assigned.

Packaging group: None.

Special precautions for user: None.

HAZCHEM Code: None assigned.

Material for export: Not regulated.

Section 15: Regulatory Information

Poisons (SUSDP): Not a scheduled poison.

Dangerous Goods: Not dangerous goods.

Carcinogen: Australia IARC NTP RTECS
No. No. No. No.

Agricultural and Veterinary Chemicals Act: Not applicable.

Australian Inventory of Chemical Substances (AICS): Listed.

Other National/International Regulations: None found.

Section 16: Other information

This MSDS is based on information concerning the product which has been provided to Ecowash Systems by the raw material manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Ecowash Systems has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Ecowash Systems accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.