SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: 4FARMERS FOAM MARKER PINK

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use:
Used for generating foam to mark sprayed areas when boom spraying.

Details of Manufacturer or Importer:
4Farmers Australia Pty Ltd
70 McDowell Street
Welshpool WA 6106

Phone Number: +61 8 9356 3446

Emergency telephone number: National Poison Information Centre: 13 11 26

2 . HAZARDS IDENTIFICATION

Hazardous Nature:
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition). However if transported by Air or Sea, then the product is classed as Dangerous (Class 9 Environmentally Hazardous) by IATA and IMDG/IMSBC respectively. See details below and in Section 14 of this SDS.

health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

corrosion

Eye Dam. 1 H318 Causes serious eye damage.

environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Acute Tox. (Oral) 4 H302 Harmful if swallowed.
Skin Irrit. 2 H315 Causes skin irritation.

Flam. Liq. 4 H227 Combustible liquid.

Signal Word Danger

Hazard Statements
H227 Combustible liquid.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H304 May be fatal if swallowed and enters airways.

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H400 Very toxic to aquatic life.

Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P302+P352	IF ON SKIN: Wash with plenty of water.
P391	Collect spillage.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts Acute Tox. (Oral) 3, H301; Eye Dam. 1, H318; Aquatic Acute 1, H400; Skin Irrit. 2, H315	10-30%
112-34-5	2-(2-butoxyethoxy)ethanol Eye Irrit. 2A, H319	10-30%

4 . FIRST AID MEASURES

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:
If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.
Information for Doctor:
Administer oxygen by non-rebreather mask at 10 to 15 L/min.
Monitor and treat, where necessary, for pulmonary oedema .
Monitor and treat, where necessary, for shock.

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Anticipate seizures .
DO NOT use emetics. Where ingestion is suspected rinse mouth and give up to 200 ml water (5 ml/kg recommended) for dilution where patient is able to swallow, has a strong gag reflex and does not drool.
Consider orotracheal or nasotracheal intubation for airway control in unconscious patient or where respiratory arrest has occurred.
Drug therapy should be considered for pulmonary oedema.
Hypotension with signs of hypovolaemia requires the cautious administration of fluids. Fluid overload might create complications.
Treat seizures with diazepam

Symptoms Caused by Exposure:
Inhalation: May cause chest and nasal irritation with coughing, sneezing, headache and even nausea.
Skin Contact: Anionic surfactants can cause skin redness and pain, as well as a rash. Cracking, scaling and blistering can occur.
Eye Contact: Direct contact may cause discomfort, excess blood flow and corneal clouding and swelling.
Ingestion: Ingestion of diethylene glycol monobutyl ether may cause blueness in the extremities or tongue, rapid breathing and heart beat, low blood pressure, muscle pain and discomfort, unconsciousness and impaired kidney function with large doses. Ingestion of anionic surfactants may produce diarrhoea, bloated stomach, and occasional vomiting.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray or fog, foam, dry chemical powder and carbon dioxide.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon, nitrogen and sulphur.
Combustible liquid.
Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear Safe Work Australia approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.
Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

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Conditions for Safe Storage:
Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from direct sunlight, heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents (nitrates, oxidising acids, chlorine bleaches, pool chlorine etc.)

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:
Use a Safe Work Australia approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:
Elbow-length PVC gloves, cotton overall buttoned to the neck and wrist, safety boots and a washable hat. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

Eye and Face Protection:
Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	
Form:	Soapy, mobile liquid
Colour:	Pink
Odour:	No information available
Odour Threshold:	No information available
pH-Value:	5-6 (as supplied)
Melting point/Melting range:	<0 °C
Initial Boiling Point/Boiling Range:	~100 °C
Flash Point:	> 65 °C
Flammability:	Combustible liquid
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density at 20 °C:	1.01 g/cm³
Evaporation Rate:	No information available
Solubility in Water:	Mixes with water.
Partition Coefficient (n-octanol/water):	No information available

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

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Incompatible Materials:
Strong oxidising agents (nitrates, oxidising acids, chlorine bleaches, pool chlorine etc.)

Hazardous Decomposition Products: Oxides of carbon, nitrogen and sulphur.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD_{50}/LC_{50} Values Relevant for Classification:		
68585-34-2 Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts		
Oral	LD_{50}	1600 mg/kg (rat)
112-34-5 2-(2-butoxyethoxy)ethanol		
Oral	LD_{50}	5660 mg/kg (rat)
Dermal	LD_{50}	4000 mg/kg (rabbit)

Acute Health Effects
Inhalation:
May cause chest and nasal irritation with coughing, sneezing, headache and even nausea. Aspiration into the lungs may cause chemical pneumonitis.
Skin:
Anionic surfactants can cause skin redness and pain, as well as a rash. Cracking, scaling and blistering can occur.
Eye: Direct contact may cause discomfort, excess blood flow and corneal clouding and swelling.
Ingestion:
Harmful in swallowed.
Ingestion of diethylene glycol monobutyl ether may cause blueness in the extremities or tongue, rapid breathing and heart beat, low blood pressure, muscle pain and discomfort, unconsciousness and impaired kidney function with large doses.
Ingestion of anionic surfactants may produce diarrhoea, bloated stomach, and occasional vomiting.
At sufficiently high doses the material may be poisonous to the kidney.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: No sensitising effects known.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:
Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:
Repeated exposure can cause contact dermatitis which is characterised by redness, swelling and blistering.
Some glycol esters and their ethers cause wasting of the testicles, reproductive changes, infertility and changes to kidney function.

Existing Conditions Aggravated by Exposure: No information available

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Additional toxicological information: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic toxicity: Very toxic to aquatic life.

Persistence and Degradability: Low persistance in water/soil (2-(2-Butoxyethoxy)ethanol).

Bioaccumulative Potential: Low bioaccumulative potential.

Mobility in Soil: No information available

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number
ADG Not regulated
IMDG, IATA UN3082

Proper Shipping Name
ADG Not regulated
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts), MARINE POLLUTANT
IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts)

Dangerous Goods Class
ADG Class: Not regulated
IMDG Class: 9 Miscellaneous dangerous substances and articles.

Packing Group:
ADG Not regulated
IMDG, IATA III

Marine pollutant: Yes
Symbol (fish and tree)

EMS Number: F-A,S-F

Hazchem Code: •3Z

Limited Quantities: 5L

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:	
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts
112-34-5	2-(2-butoxyethoxy)ethanol
67762-41-8	Alcohols, C10-16

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Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Poisons Schedule: 5

16 . OTHER INFORMATION

Date of Preparation or Last Revision: 01.09.2026

Abbreviations and acronyms:
ADG: Australian Dangerous Goods
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC_{50}: Lethal concentration, 50 percent
LD_{50}: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Flam. Liq. 4: Flammable liquids – Category 4
Acute Tox. (Oral) 3: Acute toxicity – Category 3
Acute Tox. (Oral) 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Disclaimer
This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011”
The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance.4Farmers Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.