



Material Safety Data Sheet

Section 1: Identification of the Material and Supplier

Supplier: Bracton Industries (NSW) Pty. Ltd., ACN: 003 060 160
Address: 50 Chard Road, BROOKVALE NSW 2100, Australia
Tel: +61 2 9938 1800 (business hours)
Fax: +61 2 9905 0979
Product Name: Bracton Gas Leak Testing Solution
Other Names: Aqueous solution.
Proper shipping name (ADG Code): None.
Recommended use: Used to aid in the identification of gas leaks. Use as directed on the product label.
Emergency Phone Numbers:
Transport/Fire Emergency: 000 (Emergency services)
Medical Emergency: 131126 (Poisons Information Centre)

Section 2: Hazards Identification

Not classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

Risk Phrases: R: None.

Safety Phrases: S: 25 Avoid contact with eyes.

Section 3: Composition/Information on Ingredients

Ingredients: Ingredients deemed not to be hazardous < 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 very dilute solution of an amphoteric biocide. Contact Poisons Information Centre.

Aggravated medical conditions: None known.

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, oxides of nitrogen.

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 disposals 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.

Conditions for safe storage: Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep container tightly closed and out of direct sunlight. 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.

Notations: None.

Biological Limit Values: No data found.

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. Avoid breathing aerosols. 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:	Clear, almost colourless, mobile liquid.	Solubilities:	Miscible with water in all proportions.
Odour:	Odourless.	Specific Gravity/Density:	1 g/mL @ 20 °C
pH:	7.7 - 8.7.	Flash Point:	None.
Vapour Pressure:	23 hPa @ 20 °C	Flammable Limits:	None.
Vapour Density:	No data.	Dust Explosion:	Not applicable.
Boiling Point:	100 °C	Auto-ignition Temperature:	No data.
Melting Point:	About 0 °C	Other Information:	Aqueous solution. May react with oxidising agents, strong acids, caustic alkalis. May be incompatible with other surfactant/disinfectants.
Volatiles:	> 95 % (as water)		
VOC:	Nil.		
Evaporation Rate:	No data.		

Section 10: Stability and Reactivity

Chemical Stability:	Stable under normal conditions.
Conditions to Avoid:	Incompatible materials.
Incompatible Materials:	Oxidising agents, strong acids, caustic alkalis.
Hazardous Decomposition Products:	Oxides of nitrogen.
Hazardous Reactions:	None known.

Section 11: Toxicological Information

Health Effects:	No data available for the mixture. Information presented relates to individual ingredients.		
Acute:	Swallowed:	May cause mild gastric upset, with possible nausea and vomiting. A possible aspiration risk.	
	Skin:	May cause mild irritation on prolonged contact.	
	Eyes:	May cause mild irritation.	
	Inhaled:	An unlikely route, owing to the low volatility of active ingredients. Inhalation of aerosols, or aspiration into the lungs during swallowing or vomiting, may cause chemical pneumonitis (irritation of lung tissues) and possible pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.	
Chronic:	Repeated skin or eye contact may lead to irritation.		
LD50:	Amphoteric biocide 4,500 mg/kg oral, rat.		

Section 12: Ecological Information

Ecotoxicity:	Harmful to microorganisms.	Environmental Fate:	No data.
Persistence and degradability:	No data.	Bioaccumulative potential:	No data.
Mobility:	Readily transported by water.	Other adverse environmental effects:	No data.

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: May not be suitable for landfill.

Section 14: Transport Information

UN Number:	None assigned.	Special precautions for user:	None.
UN Proper shipping name:	None assigned.	HAZCHEM Code:	None assigned.
Class and subsidiary risk:	None.	Material for export:	Not regulated.
Packaging group:	None.		

Section 15: Regulatory Information

Poisons (SUSDP):	Not a scheduled poison.
Dangerous Goods:	Not dangerous goods.
Australian Inventory of Chemical Substances (AICS):	Listed.

Section 16: Other information

Date of MSDS update: April 2011