

# Safety Data Sheet

## ACETIC ACID SOLUTIONS 3% AND 5%

**Version No.** 4.1    **ISSUED Date** November 2022    **ISSUED by** Biomed Ltd

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name**

ACETIC ACID Solution 3% 90 mL(NSP101)

ACETIC ACID Solution 5% 90 mL(SOL111)

**Presentation**

90 mL bottles

**Company Name**

Biomed Limited

**Address**

52 Carrington Road, Point Chevalier, Auckland, New Zealand

**Telephone/Fax Number**

Tel: (09) 815 5405

Fax: New Zealand: (09) 815 5406

New Zealand: 0800 833 133

**Emergency Telephone Number**

National Poisons Centre

Tel: 0800 Poison [0800 764 766]; 24 hours/7 days

**Recommended Use**

For use in colposcopy examinations.

### 2. HAZARD IDENTIFICATION

**Hazard Classification**

Acute toxicity category 6.1E (oral)

Skin irritation category 6.3B

Eye irritation category 6.4A

Hazard statement codes:

H303 May be harmful if swallowed.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.



(6.9 Respiratory tract irritant)

Precautionary statement codes

Prevention:

P104 Read Safety Data Sheet before use.

P233 Keep container tightly closed.

P234 Keep in original container.

P264 Wash exposed skin thoroughly after handling.

#### INGESTION

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P331 Do NOT induce vomiting.

#### INHALATION

P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

#### EYES

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### SKIN

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P363 Take off contaminated clothing and wash contaminated clothing before re-use.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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#### **Ingredients**

<b>Name</b>	<b>CAS</b>
Acetic Acid	64-19-7
Water	7732-18-5

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### 4. FIRST AID MEASURES

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#### **Inhalation**

- If vapours are inhaled extensively, exposed person should be removed to fresh air immediately.
- Seek medical attention if irritation continues.

#### **Ingestion**

- If swallowed do **NOT** induce vomiting.
- Give water to rinse out mouth, then provide liquid slowly and as much as the patient can comfortably drink.
- Observe the patient carefully.
- Seek medical advice.

#### **Skin**

If skin contact occurs:

- Remove all contaminated clothing immediately, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in the event of irritation.

#### **Eye**

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- Seek medical attention without delay if irritation persists.

#### **Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

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**Extinguishing Media**

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Special Hazards from the substrate or mixture**

Fire incompatibility - None known

**Advice for fire-fighters**

- Non combustible
- Not considered a significant fire risk
- May emit poisonous fumes
- May emit corrosive fumes
- Prevent, by any means available, spillage from entering drains or water ways

**Hazchem Code**

•Not applicable

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal Precautions, protective equipment and emergency procedures**

- Personal protective equipment and clothing is recommended during all cleanup procedures (refer to Section 8).
- Use good personal hygiene practices.
- Wash hands before eating, drinking, smoking or using the toilet.
- Promptly remove soiled clothing and wash thoroughly before reuse.

**Environmental Precautions**

- Do not let products enter drains or water courses.

**Methods and material for containment and cleaning up**

- Water may be used to dilute.
- Treat or dispose of waste material as a weak acid in accordance with local and national requirements.
- Refer to Section 13 for complete disposal information.

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**7. HANDLING AND STORAGE**

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**Precautions for safe handling**

- Avoid breathing in vapours.
- Avoid contact with eyes, skin and clothing.
- Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities**

- Handle containers carefully to prevent damage and spillage.
- Keep containers tightly closed.
- Store in a dry, well-ventilated location at room temperature.
- Keep out of reach of children.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Permissible Exposure Limit (OSHA TWA/TLV/STEL):**

CAS No.	Ingredient	Value
64-19-17	Acetic Acid	10 ppm (25 mg/m <sup>3</sup> ) (TWA)
		15 ppm (37 mg/m <sup>3</sup> ) (STEL)

**Exposure controls****Respiratory**

- None needed under normal use conditions with adequate ventilation.

**Eyes**

- Splash-proof chemical safety goggles or face shield.

- Contact lenses may pose a special hazard. In the event of exposure, begin eye irrigation immediately and remove contact lens as soon as practicable.
- Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.

**Skin**

- None needed for proper use in accordance with the label direction.
- Where prolonged or frequently repeated could occur, use protective clothing or gloves to minimize skin contamination.

**Engineering Controls**

- Good general ventilation should be sufficient.

**Other Work Practices**

- Use good personal hygiene practices.
- Wash hands before eating, drinking, smoking or using the toilet.
- Promptly remove soiled clothing and wash thoroughly before reuse.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance**

Clear, colourless liquid

**Odour**

Slight vinegar

**Melting Point**

Not applicable

**Boiling Point**

Not applicable

**Solubility in Water**

Soluble

**Specific Gravity**

Approx 1.0

**pH Value**

Not applicable

**Vapour Pressure**

Not applicable

**Evaporation Rate**

Not data available

**Flammability (solid,gas)**

Not applicable

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability**

- Stable when used appropriately.

**Conditions to Avoid**

- Contact with heat, sparks, flames and other ignition sources.
- Direct sunlight.

**Incompatible Materials**

- Strong oxidizing agents
- Strong bases
- Various metals

**Hazardous Decomposition Products**

Decomposition will not occur if handled and stored correctly.  
Carbon monoxide. Carbon dioxide.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information**

Acetic acid 3% and Acetic acid 5%  
Toxicity: Not available

**Skin**

- Can cause redness, itching and irritation.

**Eye**

- Can be irritating to eyes.
- On eye contact this product can cause tearing, stinging, blurred vision, and redness.

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## 12. ECOLOGICAL INFORMATION

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Waterways must be protected at all times and spills cleaned up and disposed of appropriately through approved EPA means.

**Ecotoxicity**

No information available.

**Persistence / Degradability**

No information available.

**Mobility in soil**

No information available.

**Bioaccumulative Potential**

No information available.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations**

- Dispose of waste according to applicable local and national regulations.
- Labels should not be removed from containers until they have been cleaned.
- Empty containers may contain residues.
- Containers must not be treated as household waste.
- Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.
- Do not incinerate closed containers.

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## 14. TRANSPORT INFORMATION

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**Transport Information**

New Zealand

Land transport:

- Land Transport Rule Dangerous Goods 2005 Rule 45001/2005

Air transport:

- Not regulated for transport of dangerous goods.

Sea transport:

- Not regulated for transport of dangerous goods.

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## 15. REGULATORY INFORMATION

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### **National and or International Regulatory Information**

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

New Zealand:

Health and Safety at Work Act 2015 (HSWA)

Health and Safety at Work (General Risk and Workplace Management) Regulations 2016

Health and Safety at Work (Hazardous Substances) Regulations 2017

EPA Hazardous Substance (Hazardous Classification) Notice 2020

EPA Labelling of Hazardous Substances

New Zealand Inventory Of Chemicals (NZIoC)

HSNO approval code: not required

HSNO Group Standard: HSR100425 - Pharmaceutical Active Ingredients Group Standard 2020

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## 16. OTHER INFORMATION

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### **Date of preparation or last revision of SDS**

Revised: November 2022

IMPORTANT ADVICE: This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. Our responsibility for products sold is subject to our standard terms and conditions. Upon request, a copy of this SDS is sent to our customers and is also available on request.