



# MATERIAL SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### ACECIDE-C – Solution 2

**Recommended Use:** For high-level disinfection and/or sterilization of medical instruments

**Product Code:** GT7847

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LEGEND HMIS/NFPA		Health	/	1
Severe	4	Flammability		0
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		X
Slight	1			
Minimal	0			

## Section 2: HAZARDS

<b>Emergency Overview</b>	DANGER HARMFUL IF SWALLOWED Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses) and rubber gloves when handling. Wash hands thoroughly with soap and water after handling. Do not use with devices containing silver, copper, or brass. Keep out of reach of children.
<b>Potential short-term health effects</b>	
<b>Routes of exposure</b>	Eye, Skin contact, Inhalation, Ingestion
<b>Eyes</b>	May cause irritation
<b>Skin</b>	May cause irritation
<b>Inhalation</b>	Excessive inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness)
<b>Ingestion</b>	Ingestion is unlikely through the normal anticipated use of this product. May cause stomach distress, nausea or vomiting.
<b>Target organs</b>	Eyes. Respiratory system. Skin.
<b>Chronic effects</b>	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
<b>Signs and symptoms</b>	Symptoms may include redness, oedema, drying, defatting and cracking of the skin.

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	EC No	Proportion
Ingredients deemed not to be hazardous	Not applicable	Not applicable	To 100%
Potassium nitrate	7757-79-1	231-818-8	< 9%
Tetrasodium etidronate	3794-83-0	223-267-7	< 5%
Trisodium phosphite	7601-54-9	231-509-8	< 5%

Note: Once the ACECIDE-C Solutions are mixed, the resulting solution should be handled in accordance with the ACECIDE-C Solution 1 Material Safety Data Sheet.

### Section 4: FIRST AID

<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water.
<b>Skin (Contact)</b>	Remove contaminated clothing and flush skin and hair with running water.
<b>Inhalation (Breathing)</b>	Not volatile at room temperatures.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. For advice, contact a doctor.
<b>Advice to Doctor</b>	Treat symptomatically for neutral detergent.
<b>First Aid Facilities</b>	Ensure an eye wash and safety shower are available and ready for use.
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to the product.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Product does not burn. Use dry chemical powder, foam, water spray or fog type extinguishers.
<b>Hazards From Combustion Products</b>	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Keep containers cool by spraying with water.

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Spills / Clean up</b>	<p>For small volumes (approximately less than 1L) - Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water.</p> <p>In the unlikely event of breach of multiple containers, contain spill with absorbent material, such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.</p>
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### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	<p>Product is intended for the high-level disinfection and sterilization of medical instruments. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment.</p> <p>Do not manually open container.</p> <p><b>When used in an automatic endoscope reprocessor, do not open machine while in use.</b></p> <p>Note: Once the ACECIDE-C Solutions are mixed, the resulting solution should be handled in accordance with the ACECIDE-C Solution 1 Material Safety Data Sheet.</p> <p>Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.</p>
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well ventilated area away from direct sunlight. Keep container tightly sealed. Store between 0°C and 25°C.

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure Standards**
Ingredient

None known

CAS No
ES-TWA
ES-STEL
**Biological Limit Values**

Not available.

**Engineering Controls**

Not normally required.

**Personal Protective Equipment**


Eye/face protection – Wear safety glasses to prevent eye contact.  
 Skin protection – Use rubber gloves to prevent skin contact.  
 Respiratory protection – Respirator is not usually necessary but if product is irritating use a respirator suitable for organic vapours.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear colourless liquid

**Boiling Point** Not available

**Odour** Characteristic

**Freezing Point** Not available

**pH** 8.7 – 9.7

**Solubility** Soluble in water.

**Specific Gravity** 1.1

**Flash Point** Not Applicable.

**Vapour Pressure** Not Available.

**Upper and Lower Flammability limits (in air)** Not Applicable.

**Vapour Density** Not Available.

**Ignition Temperature** Not Applicable.

### Section 10: STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal ambient storage conditions.

**Conditions to avoid**

 Avoid high temperatures (store between 0°C and 25°C).  
 Protect against physical damage.

**Incompatible materials**

None known.

**Hazardous decomposition products**

None known.

**Hazardous reactions**

None known.

### Section 11: TOXICOLOGICAL INFORMATION

**HEALTH EFFECTS**
Acute
**Swallowed** Considered an unlikely route of entry in commercial / industrial environments. May be irritating to gastro-intestinal tract.

**Eye** May cause irritation and reddening.

**Skin** May cause irritation.

**Inhaled** Inhalation of mist may cause irritation.

**Chronic**

**Swallowed** No effects known.  
**Eye** No effects known.  
**Skin** No effects known.  
**Inhalation** No effects known.

**TOXICITY DATA**

Potassium nitrate	LD <sub>50</sub>	3015mg/kg (oral, rabbit)
Tetrasodium etidronate	LD <sub>50</sub>	>2000mg/kg (rat)
Trisodium phosphate	LD <sub>50</sub>	1700mg/kg (oral, rat)
	LD <sub>50</sub>	2380mg/kg (oral, mouse)
	LD <sub>50</sub>	2500mg/kg (oral, rabbit)

<b>Section 12: ECOLOGICAL INFORMATION</b>
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**Ecotoxicity** Not available.

**Persistence and degradability** Not available.

**Mobility** Not available.

<b>Section 13: DISPOSAL CONSIDERATIONS</b>
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**Disposal method** Before disposal, check to see if the wastewater conforms to the local, federal, state and national standards (for pH, BOD, COD and other measures). In most cases, disposal of solution to sewer after use is acceptable.  
 Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.  
 For bulk disposal refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor.

**Special precautions** Suitable for incineration by approved agent.

<b>Section 14: TRANSPORT INFORMATION</b>
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Not classified as Dangerous Goods by the criteria of the of the European Transportation Law, including the following regulations: ADR, RID, ADNR, IMDG and ICAO/IATA.

<b>UN Number</b>	Not applicable.
<b>UN Proper Shipping Name</b>	Not applicable.
<b>Class and subsidiary risk</b>	Not applicable.
<b>Packing Group</b>	Not applicable.
<b>Special precautions for user</b>	Not applicable.
<b>Hazchem Code</b>	Not applicable.

<b>Section 15: REGULATORY INFORMATION</b>
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Not classified as hazardous by the criteria of EG directive 67/548/EEC.

<b>Section 16: OTHER INFORMATION</b>
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