

# PS-77

## Material Safety Data Sheet

Issue Date: 5/13/05      Revision Date: 8/25/05      Supersedes: 8/25/05

### Product Identification:

MEMBRANES, INC.  
2325 COUSTEAU COURT  
VISTA, CA 92081  
(760) 727-3711

INFORMATION:  
(612) 553-3300 (800) 328-3340

EMERGENCY PHONE NUMBERS:  
For Chemical Emergency, Spill Leak Fire Exposure  
or Accident - Call CHEMTREC Day or Night  
DOMESTIC NORTH AMERICA 800-424-9300  
INTERNATIONAL, CALL 703-527-3887 (collect calls  
accepted)

### NFPA Hazard Ratings

Health: (Blue) 2

Flammability: (Red) 0

Reactivity: (Yellow) 1

Special Hazards: Corrosive

EPA Reg. Number: 52252-4

Trade Name: Minncare® Cold Sterilant - **AMI Model No. PS-77**

### Composition/ Information on Ingredients/ Hazard Identification:

INGREDIENT	CAS NO.	PERCENT	TLV	PEL
HYDROGEN PEROXIDE	7722-84-1	22.0%	1 PPM	1 PPM
PERACETIC ACID	79-21-0	4.5%	N/E	N/E
ACETIC ACID	64-19-7	---	10 PPM	10 PPM
WATER	7732-18-5	---	N/E	N/E

NOTE: **N/E** = NONE ESTABLISHED

**TLV** = THRESHOLD LIMIT VALUE

**PEL** = PERMISSABLE EXPOSURE LIMIT

### First Aid Measures:

Symptoms of Exposure: Can cause burns to eyes, as evidenced by a temporary whitening of the skin. Irritation to eyes skin, and mucous membranes.

Carcinogenicity: Not listed as a cancer causing agent.

Eyes and Skin:	Flush eyes with excess water at least 15 minutes. If burn or irritation has occurred, see physician immediately. If clothing is contaminated, remove clothing, wash skin and wash clothing before reusing.
Ingestion:	If swallowed, drink large amounts of water. Do not attempt to induce vomiting.

## Fire Fighting Measures:

Flash Point:	N/A
Flammable Limits:	N/A
Extinguishing Media:	Water, Foam, CO2, Dry Chemicals
Fire Fighting Procedures:	Wear self-contained breathing apparatus and full protective equipment. Dilute with large volume of water.
Unusual Fire and Explosion Hazards:	N/D

## Accidental Release Measures:

Spill Response:	Wash down area thoroughly with water, mop thoroughly. Do not use absorbent to soak up spill.
Waste Disposal:	To be performed in compliance with all current local, state and federal regulations. Do not contaminate water, food, or feed. Waste resulting from the use of this product may be disposed of on site by diluting in a sanitary sewer or at an approved waste disposal facility.

## Handling and Storage:

Handling and Storing:	Keep container closed, but vented, when not in use. Store in a cool, dry area (below 75°F). Do not transfer product from original container and once product has been removed, do not return to original container.
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## Exposure Control/ Personal Protection:

Respiratory Protection:	If air contamination is above permitted levels, use suitable respiratory protection. Use local exhaust.
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Protective Covering: Protective gloves, either rubber or plastic, should be worn to prevent skin contact. Glasses, goggles or face shield should be worn at all times. Rubber apron and rubber boots should be worn when handling product

## Physical and Chemical Properties:

Boiling Point (°C @ 760 mmHg):	N/A
Melting Point (°C):	N/A
Vapor Pressure (mmHg):	N/A
Vapor Density (AIR=1):	N/A
Specific Gravity (H <sub>2</sub> O=1):	1.13
Evaporation Rate:	N/A
Solubility In Water:	Complete
pH as concentrate:	1.3
Appearance and Odor:	Clear, Colorless Liquid, Pungent Odor

## Stability and Reactivity:

Stability:	Product is stable.
Conditions to Avoid:	Hot storage (>75°F).
Hazardous Polymerization:	Will not occur.
Materials to Avoid:	Heavy metals including iron, copper, copper alloys, brass, and aluminum, salts, flammable organics, alkalis caustics chlorine and formaldehyde.
Hazardous Decomposition:	Oxygen and heat. Do not mix with chlorinated products as this could liberate toxic corrosive chlorine gas.

## Transport Information:

PROPER SHIPPING NAME:	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
Class:	5.1 (8)
UN #:	3149
Packing Group:	II