



Fort Atkinson, WI 53538-0901
Modesto, CA 95356-9318

24 HOUR EMERGENCY ASSISTANCE

CHEMTREC 800-424-9300

HAZARD RATING

4 – EXTREME
3 – SEVERE
2 – MODERATE
1 – SLIGHT
0 – MINIMAL

Health Hazard	0
Flammability	0
Reactivity	1

IMPORTANT

MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL

OSHA requires that this form be kept on file.

SECTION 1 - NAME

Product No. **SB 1177 M**
Product Name **HYDROGEN PEROXIDE
SOLUTION 3% (aq)**

Chemical Synonyms	None
Formula	See Section II
C.A.S. No.	7722-84-1

SECTION II – HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)	%	P.E.L.	TLV Units
Hydrogen Peroxide* C.A.S. #7722-84-1 Water	3 Bal.	1 ppm TWA	1 ppm TWA

* A chemical subject to the reporting requirements of SARA Title III.

SECTION III – PHYSICAL DATA

Melting Point (°F)	~0°C	Specific Gravity (H ₂ O=1)	~1
Boiling Point (°F)	~100°C	Percent Volatile By Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (_____ =1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	100%		
Appearance & Odor	Clear colorless solution, no odor		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	Flammable Limits in Air % by Volume	Lower ----	Upper ----
Extinguisher Media		Use any medium suitable for extinguishing supporting fire.		
Special Firefighting Procedures: In the event of a fire, wear full protective clothing, an NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Use water to dilute.				
Unusual Fire and Explosion Hazards: Not combustible but reacts with reducing agents and can generate heat and pressure in an enclosed area.				
D.O.T				

SECTION V – HEALTH HAZARD DATA**Threshold Limit Value**

Not established for solutions.

Effects of Overexposure

Acute: May irritate eyes, lungs and GI tract. Itching. **Chronic:** None known.

Emergency and First Aid Procedures

Skin: Wash thoroughly with running water. Get medical advice if irritation develops. **Eyes:** Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. **Inhalation:** Remove to fresh air. Give medical attention for any breathing difficulty. **Ingestion:** If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION – VI – REACTIVITY DATA

Stability Stable <input checked="" type="checkbox"/> Unstable <input type="checkbox"/>	Conditions to Avoid Heat, light.
Incompatibility (Materials to Avoid)	Metals, reducing agents, alkalies, rust, organic material.
Hazardous Decomposition Products	None
Hazardous Polymerization May <input type="checkbox"/> Will Not <input type="checkbox"/> Occur <input type="checkbox"/> Occur <input checked="" type="checkbox"/>	Conditions to Avoid None

SECTION VII – SPILL OR LEAK PROCEDURES**Steps to be Taken in Case Material is Released or Spilled**

Dilute with water.

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
Flush down drain with excess of water.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None normally needed			
Ventilation	Local Exhaust	X	Special	----
	Mechanical (General)	X	Other	----
Protective Gloves	Vinyl or rubber	Eye Protection		Safety Goggles and faceshield Goggles
Other Protective Equipment	Lab coat			

SECTION IX – SPECIAL PRECAUTIONS**Precautions to be Taken in Handling & Storing**

Keep container tightly closed when not in use.
Store in a cool, dark location.

Other Precautions

Read label on container before using. Do not wear contact lenses when working with chemicals.
None

Approved by**Effective Date**

12/14/1995

For laboratory use only. Not for drug, food or household use.
Keep out of reach of children.