

*5/20/05*  
*Total First Aid*

**ARI**  
PO BOX 510  
Orchard Hill, GA 30266

Date: 2004

**MATERIAL SAFETY DATA SHEET**

Section I- Product Identification

<p>American Safety &amp; First Aid P.O. Box 59 Osceola, IN 46561 Phone 574-651-3660</p> <p>SYNONYMS: Hydrogen Peroxide Pump Spray</p>
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Section II- Material Analysis/Active Ingredients

Component or Material Chemical Name	% of Mixture	CAS #	TLV
Hydrogen Peroxide 35%,USP	10.0%	7722-84-1	
Purified Water	90.0%	7732-18-6	

Section III- Physical Data

BOILING POINT	108°F
SOLUBILITY IN H2O % BY WT.	Completely miscible

SPECIFIC GRAVITY H <sub>2</sub> O=1	1.0@ 20°C
VAPOR Density	1.0
% VOLATILES by VOL.	50.0%
pH	1 - 4
APPEARANCE AND ODOR	Slightly pungent

### Section IV- Fire and Explosion Data

FLASH POINT (Closed cup)	Non Flammable
FLAMMABLE EXPLOSIVE LIMITS (% volume in air)	Non Flammable
EXTINGUISHING METHODS	Alcohol type foam, CO <sub>2</sub> . Water spray. Water fog. Dry chemical
SPECIAL FIRE and EXPLOSION PROCEDURES	Large quantities of water, water spray
UNUSUAL FIRE and EXPLOSION HAZARD	Stay upwind. Keep at a safe distance

### Section V- Health Hazard Information

HEALTH HAZARD DATA  
ROUTES OF EXPOSURE

INHALATION	May irritate upper respiratory tract
SKIN CONTACT	Mildly irritating, may cause whitening at contact area
EYE CONTACT	May cause severe eye irritation, watering, redness and swelling of the eyelids
INGESTION	May cause irritation and vomiting
EFFECTS OF OVEREXPOSURE	Based on available data, repeated exposures are not anticipated to cause any significant adverse effects.

### EMERGENCY AND FIRST AID PROCEDURES

EYE	Flush with large amounts of water, lifting upper lids.
SKIN	Wash areas with soap and water
INGESTION	Rinse mouth and administer fresh water. Do not induce vomiting. Consult a physician
INHALATION	Remove to fresh air, in case of respiratory symptoms consult a physician

NOTES TO PHYSICIAN: N/A

### Section VI- Reactivity Data

CONDITION CONTRIBUTING TO INSTABILITY	Stable under normal storage conditions
CONDITIONS TO AVOID	Heat/Sources of Heat.
MATERIALS TO AVOID	Acids, Bases, Metals, Salts and metals, Reducing agents, Organic materials, Flammable substances
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION	Will not occur

### Section VII- Spill or Leak Procedures

## STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

NEUTRALIZING CHEMICAL	Flush spill area with water
WASTE DISPOSAL METHOD	Dispose of in accordance with state, local and federal regulations.

## Section VIII- Industrial Hygiene Control Measures

VENTILATION REQUIREMENTS:	Good general ventilation should be sufficient for most conditions.
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## SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (specific in detail)	None Required
EYE	None Required
GLOVES	None Required
OTHER CLOTHING AND EQUIPMENT	None Required

## Section IX- Special Precautions

PRECAUTIONARY STATEMENTS	Do not incinerate or store above 120°F.
OTHER HANDLING AND STORAGE REQUIREMENTS	Store in well ventilated areas, away from heat, direct sunlight. Keep away from oxidizing agents. Install protective caps for shipment.
DEPARTMENT OF TRANSPORTATION INFORMATION PROPER SHIPPING HAZARD CLASS	ORM-D
Prepared by: ARI	Date: