

# LYNN PEAVEY COMPANY

## MATERIAL SAFETY DATA SHEET

**PRODUCT**  
7812 Hemident  
MacPhail's Reagent



Nominal QUANTITIES...  
Each test contains 1ml of these ingredients: 0.5 ml H<sub>2</sub>O<sub>2</sub> in the cap, and 0.5 ml Acetic acid/water and dye in the bottom ampoule.

### SECTION 1 - IDENTITY

Name <b>ODV, Inc.</b>		Address <b>P.O. Box 180, 9 Swallow Road, S. Paris, ME 04281</b>	
Telephone Number <b>207-743-7712</b>	For Additional Information Contact: <b>Larry Dow</b>	Date Prepared <b>February 1, 2002</b>	
Common name (used on Label) <b>7812 Hemident®</b>			
Trade name & Synonyms <b>Hemident (MacPhail's Reagent)</b>		Chemical Family <b>Does Not Apply</b>	
Chemical Name <b>N/A</b>		Formula <b>Does Not Apply</b>	

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	% (wt)	TLV	PEL
Bottom ampoule: Acetic Acid aqueous solution, bottom Ampoule	64-19-7	38 %	25 mg/m <sup>3</sup>	
Leucomalachite green	129-73-7	0.37%		
Deionized Water		62%		
Cap ampoule: Hydrogen Peroxide 3% aqueous	7722-84-1	3%	97%	
Water		97%		

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration  
 TLV: Threshold limit Value established by the American Conference of Governmental Industrial Hygienists, 1987-88.

### SECTION 3 - PHYSICAL DATA

BOILING POINT <b>not determined</b>	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) <b>not determined</b>	VAPOR PRESSURE (mm Hg) <b>not determined</b>
PERCENT VOLATILE BY VOLUME <b>not determined</b>	VAPOR DENSITY (AIR = 1) <b>not determined</b>	EVAPORATION RATE <b>not determined</b>
SOLUBILITY IN WATER- infinite		REACTIVITY IN WATER - none
APPEARANCE AND ODOR slight blue cast - pungent smell of acetic acid		

### SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT - not determined	FLAMMABLE LIMITS IN AIR (% By Volume) LOWER: N/A      UPPER: N/A
EXTINGUISHING MEDIA - CO <sub>2</sub> - dry chemical	AUTO IGNITION TEMPERATURE - not determined
UNUSUAL FIRE AND EXPLOSION HAZARDS - emits toxic fumes under fire conditions	

SPECIAL FIRE FIGHTING PROCEDURES

Continued on Reverse Side

SECTION 5 - HEALTH INFORMATION			
PRIMARY ROUTES OF EXPOSURE skin and eyes			
SIGNS AND SYMPTOMS OF EXPOSURE (1) ACUTE OVEREXPOSURE - not determined			
(2) CHRONIC OVEREXPOSURE - not determined			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - Medical implications of leucomalacite green have not been thoroughly investigated			
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN Toxicological properties have not been thoroughly investigated	NTP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IARC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	OSHA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
OTHER EXPOSURE LIMITS			
EMERGENCY & FIRST AID PROCEDURES - Flush skin and eyes with plenty of water for at least 15 minutes. Contact a physician. Ingestion: Do not induce vomiting, if patient is conscious give water or milk. Contact a physician			
SECTION 6 - REACTIVITY DATA			
STABILITY Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	CONDITIONS TO AVOID - N/A		
INCOMPATIBILITY (MATERIALS TO AVOID) - strong oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS - CO <sub>2</sub> and Carbon Monoxide			
HAZARDOUS POLYMERIZATION May occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>	CONDITIONS TO AVOID - extremes of temperature		
SECTION 7 - SPILL OR LEAK PROCEDURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED - Cover with soda ash, scoop up slurry and place in suitable container.			
WASTE DISPOSAL METHOD - Dispose of by means as to comply with all local, state, and federal regulations or contact an approved licensed disposal agency			
SECTION 8 - PERSONAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION - avoid breathing vapors			
VENTILATION - mechanical			
PROTECTIVE GLOVES - recommended		EYE PROTECTION - recommended	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT			
SECTION 9 - SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - store at room temperature			
OTHER PRECAUTIONS			