


LYNN PEAVEY COMPANY

MATERIAL SAFETY DATA SHEET				
PRODUCT 906 & 7606 Mandelin Reagent				6906 INCORPORATED <small>P.O. BOX 180 SO. PARIS, MAINE 04281 USA TEL 207-743-7712 FAX 207-743-5000</small>
SECTION 1 - IDENTITY				
Name ODV, Inc.		Address P.O. Box 180, 9 Swallow Road, S. Paris, ME 04281		
Telephone Number 207-743-7712	For Additional Information Contact: Larry Dow		Date Prepared February 1, 2002	
Common name (used on Label) 906 or 7606 Mandelin Reagent				
Trade name & Synonyms NarcoPouch® & Narcotest®		Chemical Family Does Not Apply		
Chemical Name Does Not Apply		Formula Does Not Apply		
SECTION 2 - HAZARDOUS INGREDIENTS				
HAZARDOUS COMPONENT	CAS #	% (wt)	TLV	PEL
Sulfuric Acid concentrated ACS grade	7664-93-9	99	1 mg/m³/10 hr.	1 mg/m³
Ammonium (meta) vanadate	7803-55-6	0.7	not determined	0.05 mg/m³
<small> 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. </small>				
SECTION 3 - PHYSICAL DATA				
BOILING POINT not determined		SPECIFIC GRAVITY (H₂O = 1) 1.56-1.84		VAPOR PRESSURE (mm Hg) Low
PERCENT VOLATILE BY VOLUME not determined	VAPOR DENSITY (AIR = 1) 3.40		EVAPORATION RATE not determined	
SOLUBILITY IN WATER Complete		REACTIVITY IN WATER Reacts violently when water is added with evolution of heat.		
APPEARANCE AND ODOR Yellow liquid and Odorless				
SECTION 4 - FIRE AND EXPLOSION DATA				
FLASH POINT not determined		FLAMMABLE LIMITS IN AIR (% By Volume) LOWER: not determined UPPER: not determined		
EXTINGUISHING MEDIA suitable dry chemical		AUTO IGNITION TEMPERATURE not determined		
UNUSUAL FIRE AND EXPLOSION HAZARDS Reacts violently when water is added or with organic materials with evolution of heat. Ammonium (meta) vanadate emits toxic fumes under fire conditions.				
SPECIAL FIRE FIGHTING PROCEDURES Do not use water to put out fire if the water can get into concentrated sulfuric acid. Use proper respiratory protection against fumes.				

SECTION 5 - HEALTH INFORMATION			
PRIMARY ROUTES OF EXPOSURE		Inhalation, contact with eyes or skin.	
SIGNS AND SYMPTOMS OF EXPOSURE		Irritation of eyes, nose and throat. Splashes in the eyes or on the skin will cause severe skin burns.	
(1) ACUTE OVEREXPOSURE -			
(2) CHRONIC OVEREXPOSURE -		Repeated or prolonged exposure to dilute solutions of sulfuric acid may cause irritation of the skin. Repeated or prolonged exposure to mists or vapors of sulfuric acid may cause erosion of teeth, chronic irritation of the eyes, or chronic inflammation of the nose, throat, and bronchial tubes.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Impaired pulmonary function, pre-existing eye problems, pre-existing skin disorders.			
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN		NTP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IARC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
OTHER EXPOSURE LIMITS		OSHA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
None.			
EMERGENCY & FIRST AID PROCEDURES In the case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. If swallowed, do not give emetics. If conscious, give tap water, milk, or milk of magnesia. Call a physician.			
SECTION 6 - REACTIVITY DATA			
STABILITY Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>		CONDITIONS TO AVOID Avoid adding water to the acid, large amounts of heat is produced.	
INCOMPATIBILITY (MATERIALS TO AVOID) Avoid contact of acid with organic materials (such as chlorates, carbides, fulminates, and picrates) may cause fires and explosions. Contact of acid with metals may form toxic sulfur dioxide fumes and flammable hydrogen gas.			
HAZARDOUS DECOMPOSITION PRODUCTS Heat, sulfur dioxide, hydrogen, ammonia			
HAZARDOUS POLYMERIZATION May occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>		CONDITIONS TO AVOID Not applicable to polymerization.	
SECTION 7 - SPILL OR LEAK PROCEDURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED Avoid adding water to the acid, large amounts of heat is produced.			
WASTE DISPOSAL METHOD Dispose of wastes in accordance with Federal, State and Local codes. Normal disposal includes neutralization and absorption in vermiculite, dry sand, earth, or similar material.			
SECTION 8 - PERSONAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION Respiratory protection is not required under normal and intended uses. Self-contained breathing apparatus required during fire fighting and spill clean-up.			
VENTILATION Room ventilation is expected to be adequate except during spills or fires.			
PROTECTIVE GLOVES Required when contact with sulfuric acid exists.		EYE PROTECTION Required when possibility of contact with sulfuric acid exists.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT An eye wash fountain and safety shower should be readily available where contact with sulfuric acid exists.			
SECTION 9 - SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store and handle according to packaged instructions. Store in a cool well ventilated area. Keep away from reactive materials.			
OTHER PRECAUTIONS Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Wash thoroughly after handling. Be prepared to neutralize.			
The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. ODV, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.			