


LYNN PEAVEY COMPANY

MATERIAL SAFETY DATA SHEET						
PRODUCT 905 and 7605		 INCORPORATED <small>P.O. BOX 180 SO. PARIS, MAINE 04281 USA</small> <small>TEL: 207-743-7712 FAX 207-743-5000</small>			6905	
SECTION 1 - IDENTITY						
Name		Address				
ODV, Inc.		P.O. Box 180, 9 Swallow Road, S. Paris, ME 04281				
Telephone Number	207-743-7712	For Additional Information Contact:	Date Prepared			
		Larry Dow	February 1, 2002			
Common name (used on Label)		905 and 7605 Dille-Koppanyl Reagent				
Trade name & Synonyms		Chemical Family				
Narcotest & NarcoPouch®		Does Not Apply				
Chemical Name		Formula				
Does Not Apply		Does Not Apply				
SECTION 2 - HAZARDOUS INGREDIENTS						
HAZARDOUS COMPONENT	CAS #	% (wt)	TLV	PEL		
Isopropanol: 1st ampoule	67-63-0	98	980 mg/m³	No PEL		
Cobaltous acetate Tetrahydrate: 1st ampoule	6147-53-1	0.5	No TVL	No PEL		
Acetic acid: 1st ampoule	64-19-7	0.2	25 mg/m³	25 mg/m³		
Isopropanol: 2nd ampoule	67-63-0	95	980 mg/m³	No PEL		
Isopropylamine: 2nd ampoule (cap)	75-31-0	5	12 mg/m³	12 mg/m³		
<small>PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration</small> <small>TLV: Threshold limit Value established by the American Conference of Governmental Industrial Hygienists, 1987-88.</small>						
SECTION 3 - PHYSICAL DATA						
BOILING POINT		SPECIFIC GRAVITY (H₂O = 1)		VAPOR PRESSURE (mm Hg)		
33-34° C (Isopropylamine)		0.694 (Isopropylamine)		478.0 (Isopropylamine)		
PERCENT VOLATILE BY VOLUME		VAPOR DENSITY (AIR = 1)		EVAPORATION RATE		
100% (Isopropylamine)		2.0 (Isopropylamine)		36.60 (Isopropylamine)		
SOLUBILITY IN WATER		REACTIVITY IN WATER				
100% Soluble		Not reactive (Isopropylamine)				
APPEARANCE AND ODOR Slight pink color with odor of acetic acid first ampoule. Clear liquid with odor of isopropylamine (ammonical odor) second ampoule.						
SECTION 4 - FIRE AND EXPLOSION DATA						
FLASH POINT		FLAMMABLE LIMITS IN AIR (% By Volume)				
-17° C Closed Cup (Isopropylamine)		LOWER: 2.3% (Isopropylamine) UPPER: 12% (Isopropylamine)				
EXTINGUISHING MEDIA		AUTO IGNITION TEMPERATURE				
Alcohol foam, powder, CO₂ (Isopropylamine)		402.2° C (Isopropylamine)				
UNUSUAL FIRE AND EXPLOSION HAZARDS Not determined (Cobalt acetate). Water spray may be ineffective as extinguishing agent (Isopropylamine). Isopropyl alcohol use dry chemical or CO₂.						
SPECIAL FIRE FIGHTING PROCEDURES Not determined (Cobalt acetate). Use proper respiratory protection against fumes such as self contained breathing apparatus (Isopropylamine).						

SECTION 5 - HEALTH INFORMATION			
PRIMARY ROUTES OF EXPOSURE		Inhalation, Contact with eyes or skin.	
SIGNS AND SYMPTOMS OF EXPOSURE		Irritation of eyes. Splashes in the eyes or on the skin will cause severe burns. Inhalation of isopropylamine vapor may also irritate mucous membranes and respiratory tract.	
(1) ACUTE OVEREXPOSURE -			
(2) CHRONIC OVEREXPOSURE -		Irritation of eyes, nose and throat. Cobalt acetate may cause local dermatitis. Isopropylamine irritates mucous membranes and respiratory tract, and causes severe irritation, blisters, and burns on prolonged contact.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Impaired pulmonary function. Pre-existing eye problems, pre-existing skin disorders may be aggravated by exposure.			
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN		NTP	IARC
NONE		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
OTHER EXPOSURE LIMITS		OSHA	
NONE		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EMERGENCY & FIRST AID PROCEDURES			
In 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. Move exposed person to fresh air if inhalation of large amounts of isopropylamine occur. If isopropylamine has been swallowed, give the person large quantities of water immediately, then cause the person to vomit using syrup of ipecac.			
SECTION 6 - REACTIVITY DATA			
STABILITY		CONDITIONS TO AVOID	
Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>		Open flame.	
INCOMPATIBILITY (MATERIALS TO AVOID)			
Strong acids and strong oxidizers (isopropylamine).			
HAZARDOUS DECOMPOSITION PRODUCTS			
Toxic gases and vapors (such as oxides of nitrogen and carbon monoxide) may be released in a fire involving isopropylamine.			
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	
May occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>		Not applicable for polymerization.	
SECTION 7 - SPILL OR LEAK PROCEDURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED			
Eliminate all sources of ignition. Wear proper protective equipment. For small quantities, absorb on paper towels. Evaporate in a fume hood. Burn the paper or absorbed material in an incinerator.			
WASTE DISPOSAL METHOD			
Dispose of wastes in accordance with Federal, State, and Local codes. Do not allow isopropylamine to enter a sewer because of the possibility of an explosion.			
SECTION 8 - PERSONAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION		NIOSH-approved organic vapor respirator may be used for minor spill cleanup.	
VENTILATION			
Room ventilation is expected to be adequate except during spills or fires.			
PROTECTIVE GLOVES		EYE PROTECTION	
Required when the potential of contact exists.		Required when the potential of contact exists.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT			
An eye wash fountain and safety shower should be readily available where the potential for eye contact with the reagent exists.			
SECTION 9 - SPECIAL PRECAUTIONS			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING		Store and handle according to packaged instructions. Store in cool, well ventilated area. Keep away from reactive materials and away from fire hazard.	
OTHER PRECAUTIONS		Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Wash thoroughly after handling.	
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.			