MATERIAL SAFETY DATA SHEET

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SECTION 1 – IDENTIFICATION

Name                     ODV, Inc.
Telephone Number         207-743-7712
For Additional Information Contact: Larry Dow
Date Prepared            May 1, 1997
Common name (used on Label) 922 or 7622 Opiates Reagent
Trade name & Synonyms    NarcoPouch®
                        & Narcotest®
Chemical Name            Does Not Apply
Chemical Family          Does Not Apply
Formula                  Does Not Apply

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT        CAS #          % (wt)       TLV                PEL
Sulfuric Acid concentrated  7664-93-9      99         1 mg/m³/10 hr.  1 mg/m³
Ammonium Molybdate        13106-76-8      0.5        5 mg/m³          5 mg/m³

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            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     Clear 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.

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.

SIGN AND SYMPTOMS OF EXPOSURE
Irritation of eyes, nose and throat. Splashes in the eyes or on the skin will cause severe skin burns.

(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
None.

OTHER EXPOSURE LIMITS
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 ☐ Stable ☒

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 ☐ Will not occur ☒

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.