IVX ANIMAL HEALTH, INC.
MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

IVX MSDS NO.: 600084

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
IVX Animal Health, Inc.	816-364-3777

ADDRESS (Number, Street, City, State and Zip Code)

3915 S. 48th Street Terrace, St. Joseph, MO 64503

CHEMICAL NAME AND SYNONYMS	TRADENAME AND SYNONYMS
N/A	**Atropine Sulfate Injection 1/120 Grain**
CHEMICAL FAMILY	FORMULA
Veterinary anticholinergic, mydriatic, antispasmatic, organophosphate insecticide antidote.	N/A Chemical Mixture

SECTION II - HAZARDOUS INGREDIENTS

	%	TLV (Units)
N/A		

SECTION III - PHYSICAL DATA

Boiling Point (°F)	100°C	Specific Gravity (H_2O = 1)	1.01
Vapor Pressure (mm Hg)	N/A	Percent, Volatile by Volume (%)	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (H_2O = 1)	1
Solubility In Water	Miscible		

Appearance and Odor Colorless to pale yellow solution w/ odor of benzyl alcohol

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

		LEL	UEL
Flash Point (Method Used): N/A	Flammable Limits: N/A	N/A	N/A

Extinguished Media: As appropriate for surrounding material.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: N/A

Effects of Overexposure: Nausea, vomiting, shortness of breath, excitement, delirium.

Target Organs:	Eyes, skin, GI tract, CNS, circulatory system.
Primary Routes of Entry:	Eye & skin contact, ingestion.
Eye Contact:	Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.
Skin contact:	Wash with soap and water. Seek medical attention if irritation persists.
Inhalation:	Remove victim to fresh air. Apply artificial respiration if needed.
Ingestion:	Induce vomiting if victim is conscious. (Never induce vomiting in an unconscious person) Seek medial attention if adverse reactions occur.

Emergency and First Aid Procedures: Contact nearest poison control center.

NTP: No IARC: No Z List: No OSHA: No EPA: No

SECTION VI - REACTIVITY DATA

Stability	Unstable		Conditions To Avoid: None Known
	Stable	X	

Incompatibility (Materials to avoid): None Known

Hazardous Decomposition Products: None Known

Hazardous Polymerization	May Occur		Conditions To Avoid:
	Will Not Occur	X	None Known

SECTION VII - SPILL OR LEAD PROCEDURES

Steps to be taken in case material is released or spilled: Flush to drain using plenty of water.

Waste disposal method: As per local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None normally required.

Ventilation	Local Exhaust: None normally required	Special: N/A
	Mechanical (General): N/A	Other: N/A

Protective Gloves: If desired.	Eye Protection: Yes

Other Protective Equipment: Special protective equipment not normally needed.

SECTION IX - SPECIAL PRECAUTIONS

Cautions to be taken in handling and storing: Store per label directio ns.

Other Precautions: READ AND FOLLOW ALL LABEL DIRECTIONS

NOTICE: The information contained herein is believed to be complete and accurate. However, it is the user's responsibility to determine the suitability of the information for his or her partic ular purpose. IVX Animal Health, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on, this information.