



**MATERIAL SAFETY DATA SHEET**

NEOVET

<b>PRODUCT NAME-IDENTITY</b> NeoVet	<b>CHEMICAL FAMILY:</b> Aminoglycoside	<b>D.O.T.. HAZARD CLASSIFICATION:</b> Not regulated by USDOT, IMO or IATA
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<b>MANUFACTURER NAME:</b> Sparhawk Laboratories	<b>EMERGENCY TELEPHONE #:</b> 913-888-7500
<b>ADDRESS:</b> 12340 Santa Fe Trail Drive Lenexa, KS 66215	<b>TELEPHONE # FOR INFORMATION.:</b> 913-888-7500
	<b>DATE PREPARED:</b> March 2003

**HAZARDOUS INGREDIENT IDENTITY INFORMATION**

<b>HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAMES):</b> Neomycin Sulfate CAS #: 1405 – 10 – 3
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**PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b> 98°C	<b>SPECIFIC GRAVITY:</b> About 1.0
<b>VAPOR PRESSURE (mm Hg.):</b> Not determined	<b>MELTING POINT.:</b> N/A
<b>VAPOR DENSITY (Air = 1)::</b> Not determined	<b>EVAPORATION RATE:</b> Roughly equivalent to water (Butyl Acetate = 1)
<b>SOLUBILITY IN WATER:</b> Freely soluble	
<b>pH:</b> 5.0 – 7.5	
<b>APPEARANCE AND ODOR.:</b> Clear, amber liquid	

**FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (METHOD USED):</b> Not determined..	<b>FLAMMABLE LIMIT:</b> Product is not considered flammable.	<b>LEL</b>	<b>UEL</b>
<b>EXTINGUISHING MEDIA:</b> Water or Carbon Dioxide			
<b>SPECIAL FIRE FIGHTING PROCEDURE.:</b> Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.			
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS.:</b> Avoid extreme heat or open flame			

**REACTIVITY DATA**

<b>STABILITY:</b>	<b>UNSTABLE</b>		<b>CONDITIONS TO AVOID:</b>
	<b>STABLE</b>	X	None
<b>HAZARDOUS DECOMPOSITION OF BYPRODUCTS</b> Carbon Monoxide , Sulfoxides, Nitrogen Oxides			
<b>INCOMPATIBILITY: (MATERIALS TO AVOID):</b> None			
<b>HAZARDOUS POLYMERIZATION.</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID.:</b> None
	<b>WILL NOT OCCUR</b>	X	



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**HEALTH HAZARD DATA**

ROUTES OF ENTRY:		HEALTH HAZARD (ACUTE & CHRONIC).
SKIN?	Rabbit – Non Irritating	Wash with soap and water
EYES?	May cause irritation	Flush with water for 15 minutes.
INHALATION?		Remove from exposure
INGESTION?		Contact a physician or Poison Control Center.
CARCINOGENICITY: Not listed as carcinogenic by IARC, NTP or OSHA.		
TOXICITY: Oral LD <sub>50</sub> (Rat):: 4,325 mg/Kg;		
EFFECTS OF OVEREXPOSURE: Inhalation or skin exposure may cause very mild to severe allergic reaction in susceptible individuals. Manifestations of an allergic response may include skin rash, fever, bronchospasm, angioedema (swelling of lips, tongue and face accompanied by asthmatic breathing and hives) and anaphylaxis.. Neomycin sulfate, like other aminoglycoside antibiotics, may cause severe renal (kidney) toxicity and neurotoxicity including ototoxicity (hearing loss and diminished balance) when administered parenterally (by injection). Neuromuscular blockade and respiratory paralysis have also occurred in rare cases. Other manifestations of neurotoxicity may include numbness, skin tingling, muscle twitching and convulsion. It is poorly absorbed from the gastrointestinal tract following oral administration. Oral and topical routes significantly reduce the toxic potential but toxicity may still be encountered from exposure to high doses (gm quantities) for long durations.		
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Hypersensitivity to neomycin sulfate or the aminoglycoside group of antibiotics.. Persons with known sensitivity to other aminoglycoside such as streptomycin or Gentamycin may be in increased risk of developing hypersensitivity. Persons with impaired renal function are more susceptible to the nephrotoxic and ototoxic effects from administration of this antibiotic. Persons with impaired hearing function are more susceptible to hearing loss from administration of this antibiotic.		
EMERGENCY & FIRST AID PROCEDURES:: Seek the advise of a physician.		

**PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:: Remove ignition source. Provide ventilation equipment and safety clothing.. Keep out of drains.. Use absorbent materials to collect liquid and place in a container..
WASTE DISPOSAL METHOD: Dispose of by incineration in accordance with applicable regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store at 15° - 30°C.. Do not store near open flame ..
OTHER PRECAUTIONS:

**CONTROL & SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	
VENTILATION: LOCAL EXHAUST: X                      MECHANICAL:	SPECIAL::
PROTECTIVE GLOVES. Rubber gloves	EYE PROTECTION Safety glasses with side shields.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protective covering for exposed areas of the skin.	
WORK/HYGIENIC PRACTICES: As described	
OTHER:	

The above information is believed to be accurate and represents the best information available to us at the time this Material Safety Data Sheet was prepared. The information is provided to our customers in good faith, however, no warranty, expressed or implied, is made.