MATERIAL SAFETY DATA SHEET

1 OF 2

Section I: IDENTIFICATION

Date Prepared: 12/09

Product Name: Natt Herrick's Solution

Item Number(s): 5593

Emergency Phone: 800-424-9300

Section II: INGREDIENTS

Component(s): Sodium Chloride Potassium Phosphate	<1%	<u>CAS Number</u> 7647-14-5 7778-77-0	<i>OHSA PEL, ACGIH TLV/STEL</i> NA NA	NFPA Health Flammability Reactivity	1 0 0
Sodium Phosphate Inhibitor	<1% Trace	10049-21-0	NA	Reactivity	U
Methyl Violet 2B	<0.1%	8004-87-3	NA		
Sodium Sulfate	<1%	7757-82-6	NA		
Ethanol	5 %	64-17-5	1000ppm/NR		

Section III: PHYSICAL DATA

Boiling Point:

100°F

Specific Gravity (H2O = 1): ~1

Vapor Pressure mm Hg/20 °C: NE

Percent Volatile by Vol. NA

Vapor Density (Air 1:1):

NE

Evaporation Rate (ether = 1): >1

Solubility in H2O:

Complete

Appearance & Odor: Blue liquid, slight sweet odor

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: Non-Flammable

Flammable Limits: LEL: NA

UEL: NA

Extinguishing Media: Water Spray, dry chemical, CO2 and foam

Special Fire Fighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus.

Products of combustion may be harmful in a fire situation. Do not use direct water stream.

Unusual Fire & Explosion Hazards: May give-off toxic fumes under fire conditions.

Section V: REACTIVITY

Stability: Stable

Material to Avoid: None known

Hazardous Decomposition or Byproducts: Oxides of carbon, nitrogen

Hazardous Polymerization: Does not occur

Conditions to Avoid: Normal Laboratory Care

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion

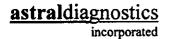
Acute/Chronic: Product is not expected to cause health hazards when utilizing good laboratory practices and

the concentration present in the product. Eye and skin irritant. Poisonous if swallowed.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Vision blurring, drowsiness and headache.

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Natt Herricks Solution, 2 OF 2

Section VI: <u>HEALTH HAZARDS</u>

Emergency First Aid:

Skin:

Remove contaminated clothing and change. Wash affected skin area with soap and water.

Eyes:

Thoroughly flush eyes with water. Contact a physician if irritation persist.

Ingestion:

Rinse mouth thoroughly with water, provided person is conscious and contact a physician.

Inhalation:

Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

Section VII: SAFE HANDLING

Chemical Release or Spill: Isolate the spill area with sand, or other absorbent material. Place all contaminated material in closed container for disposal.

Waste Disposal Method: All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storing: Normal Laboratory Care

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required.

Ventilation: Mechanical exhaust is sufficient

Protective Gloves: Chemical resistant

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: Normal laboratory apparel as suggested by Good Laboratory Practices

Work/Hygienic Practices: Wash thoroughly with soap and water 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. Astraldiagnostics shall not be held liable for any damage resulting from handling or contact with this product.