**SECTION I. MATERIAL IDENTIFICATION**

<table>
<thead>
<tr>
<th>Material Name: Saline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Designations: Normal Saline, Sterile Saline, Hyper-7 Saline, Equine HSS, Hyper-7.5 Saline, 7% Hypertonic Saline Solution</td>
</tr>
<tr>
<td>Chemical Family: Inorganic salt solution</td>
</tr>
<tr>
<td>Trade Name: Normal saline</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION II. INGREDIENTS AND HAZARDS</th>
<th>%</th>
<th>OSHA PEL</th>
<th>HAZARD DATA/TOxicITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>0.8-7.5</td>
<td>Not est.</td>
<td>LD₅₀ 3.75 g/kg-rat-oral</td>
</tr>
</tbody>
</table>

**SECTION III. PHYSICAL DATA**

- Boiling Point At 1 atm, °C: Not determined
- Vapor Pressure At 15°C mm Hg: Not determined
- Vapor Density (Air = 1): > 1
- Water Solubility At 20°C: Complete
- Appearance And Odor: Clear, colorless, non-viscous, odorless liquid.
- Specific Gravity 20/4 C: 1.006-1.060
- Evap. Rate (BuAc=1): No data
- Volatiles, %: None
- Molecular Weight: 58.45

**SECTION IV. FIRE AND EXPLOSION DATA**

- Flash Point and Method: Auto-Ignition Temperature
- Flammability Limits In Air: Lower, Upper
- N/A, N/A
- Not considered a fire hazard
- Extinguishing Media: Use any means suitable to extinguish surrounding fire.
- Special Fire Fighting Procedures: Wear full protective clothing and NIOSH self-contained breathing apparatus operated in positive pressure mode.

**SECTION V. REACTIVITY DATA**

- Stability: Stable, Unstable
- Conditions To Avoid: None known.
- Incompatible With: No known incompatibilities.
- Hazardous Decomposition Products: May emit toxic fumes of carbon monoxide/carbon dioxide

**Hazardous Polymerization:**

- May Occur
- Will Not Occur X
- Conditions To Avoid: None known.
SECTION VI. HEALTH HAZARD INFORMATION

Effects Of Overexposure: Possible irritation of eye, skin, and/or respiratory tract. Anaphylactic hypersensitivity.

Target Organs: Renal, digestive tract.
Primary Route Of Entry: Ingestion, inhalation.
First Aid: Seek prompt medical attention if irritation develops.
Eye Contact: Flush eyes with copious quantities of water, lifting upper and lower lids
Skin Contact: Wash affected area with copious quantities of water.
Inhalation: Remove to fresh air.
Ingestion: Rinse mouth with water. Induce vomiting ONLY on advice of medical personnel.

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spills, Leaks: Sweep or mop free material into suitable container for disposal.
Disposal: Ensure compliance with local, state, and federal regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not needed if used in accordance with label directions.
Ventilation: General dilution.
Protective Gloves: Rubber may be worn.
Eye Protection: Safety goggles/glasses.
Other Protective Equipment: Not needed if used in accordance with label directions.

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage and Handling Information: READ AND FOLLOW ALL LABEL DIRECTIONS
This product is sold for veterinary use only. Not for human consumption.
DOT CLASS: Not classified.

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, American Veterinary Products, Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

APPROVALS | DATE
---|---
Arun Kumar, Director-Q.A. | 3/1/92
Gene Komar, Director-R & D | 3/2/92

MSDS TRACKING INFORMATION ===
WARACZYNSKI, MEG
UNIV OF WI-DEPT OF PSYCH
800 W MAIN RM#2015
WHITEWATER, WI 53190

MID: 1053006 STERILE SALINE VETERINA
PID: 4873004 COST: 0172674-008
IMG: I:53006_2 PAGE: 2 of 2

PACKET: 64185-5033