



RANVET PTY LTD
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**MATERIAL
SAFETY
DATA SHEET**

1 IDENTIFICATION

Product name: Ranvet's Neutrolene Plus body acid neutraliser & Alkali Reserve Replacer with added Buffer Salts

Other names: Not applicable

Manufacturer's Code: Not applicable

Use(s): NEUTROLENE PLUS has been formulated as an aid in the treatment of "sweaty" horses, and horses that are particularly prone to ACIDOSIS, DEHYDRATION and MYOPATHY ("TYING-UP").
The acid-absorbing Buffer Salts in Neutrolene Plus have the effect of returning the pH of the body fluid to a fixed normal. Acid build-up is more effectively neutralized, and excessive sodium losses counteracted.

UN number: Not classified under present regulations

Dangerous Goods Class: Not classified under present regulations

Hazchem code: Not classified under present regulations

Poisons schedule: Not classified under present regulations

PHYSICAL DESCRIPTION & PROPERTIES

Appearance: Dark brown liquid with distinct caramel odor.

Boiling/Melting point: Not determined

Vapour pressure: Not determined

Specific gravity: 1.26 ± 0.06 @ 25°C

Flashpoint: Not applicable

Flammability Limits: Not applicable

Solubility in Water: Not applicable

Other Properties: Caramel odour

INGREDIENTS:

Chemical entity	CAS No	Proportion (per Litre)
Sodium Citrate	77-86-1	279.26 g
Citric Acids	5949-29-1	93.23 g
Trometamol (Tris Buffer)		11.08g
Other non hazardous ingredients		Secret

This is a commercial product and the exact ratio of components may vary. Trace quantities of impurities are also likely.

II HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute: Grossly excessive intake may lead to hypernatraemia or high blood sodium levels – while excessive citric acid may have a local irritant action.

Swallowed: Grossly excessive amounts may lead to hypernatraemia and local irritation of the lining of the intestinal tract.

Eye: Local irritation

Inhaled: Not applicable

Chronic: Hypernatraemia and irritation of intestinal tract

FIRST AID

Swallowed: Small amounts – no specific treatment required. Large amounts – treat as for hypernatraemia - administer water or other sodium free liquid

Eye: Flush copiously with clean water

Skin: Flush copiously with clean water

Inhaled: Not applicable

First aid facilities: Access to potable and clean water.

Advise to doctor: Evaluate for hypernatraemia

III PRECAUTIONS FOR USE

Exposure standards: None determined
Engineering controls: Not applicable
Personal protection: No specific requirement
Flammability: Not applicable

IV SAFE HANDLING INFORMATION

Storage & transport: Store in a cool, dry place under 30°C (room temperature), with lid applied tightly.
Spills and Disposal: Take up spilled liquid with an absorbent material (sand, sawdust, vermiculite, etc.) and dispose of in an authorised landfill area, where refuse is buried at least 500mm below surface.
Fire and explosion hazard: Nil

CONTACT POINT

Quality Assurance Manager
RANVET PTY LTD

**This product is registered by the Australian Pesticides and Veterinary Medicines Authority.
Approval No. 37953**

DISCLAIMER: The information provided in this MSDS is based upon sources believed to be accurate. However, the Company assumes no responsibility for the accuracy, completeness or suitability of this information. The product user is responsible for determining the suitability of this information for their particular purpose.
