

SAFETY DATA SHEET

VALUE PLUS ELECTROLYTE LIQUID FOR HORSES

SECTION 1 IDENTIFICATION

Product Name: Value Plus Electrolyte Liquid for Horses
Company Product Code: VAL2472, VAL2473, VAL2475
Other Names: Electrolyte Liquid for Horses; Value Plus Electrolyte Liquid
Recommended Use/Restrictions: Nutritional supplement for companion animals
Company: Zoo Pets Pty Ltd
Address: Unit 4, 3 Terrace Road, North Richmond NSW 2754
PO Box 506, Cherrybrook NSW 2126
W: www.valueplus.net.au E: info@zoopets.com.au
Telephone Number: +61 (0)2 45714211 (Mon-Fri 9:00am – 5:00pm)
Fax Number: +61 (0)2 45714928
Emergency Telephone Number: Poisons Information Centre 13 11 26

SECTION 2 HAZARDS IDENTIFICATION

Hazard Classification: None allocated
Signal Word: None allocated
Hazard Statement: None allocated
Precautionary Statement: None allocated

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Sodium chloride	7647-14-5	
Potassium chloride	7447-40-7	
Magnesium sulphate hepta	10034-99-8	
Potassium phosphate monobasic	7778-77-0	
Sodium citrate	6132-04-3	
Potassium citrate	6100-05-6	

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret pursuant to Section 1910.1200 of Title 29 of the Code of Federal Regulations.

SECTION 4 FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

Swallowed:

Necessary First Aid Measures - Do not induce vomiting; wash mouth with water and give some water to drink.
Symptoms Caused by Exposure - Significant oral exposure is considered to be unlikely. However, this product may be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.
Medical Attention and Special Treatment - If large amounts have been swallowed, seek medical attention. Treat symptomatically based on judgement of doctor and individual reactions of patient.

Eye:

Necessary First Aid Measures - Immediately flush eyes with plenty of water holding eyelids open.
Symptoms Caused by Exposure - No Data Available
Medical Attention and Special Treatment - It is a sensible precaution to seek medical advice in all cases of eye contamination.

Skin:

Necessary First Aid Measures - Remove contaminated clothing. Flush affected area with plenty of water.
Symptoms Caused by Exposure - No Data Available
Medical Attention and Special Treatment - If irritation persists, seek medical attention.

Inhaled:

Necessary First Aid Measures - First Aid is not generally required. Remove to fresh air and monitor breathing.
Symptoms Caused by Exposure - May cause irritation if inhaled.
Medical Attention and Special Treatment - If breathing becomes difficult, consult a doctor.

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SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment: No data available
Specific Hazards Arising from the Chemical: No data available
Special Protective Precautions and Equipment for Fire Fighters: No data available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Spills may produce slippery surfaces. Protective eyewear may be worn but splashes are unlikely.
Good industrial hygiene involves the washing of skin and hands thoroughly after handling chemicals and before eating, drinking or smoking.

Environmental Precautions: No Data Available

Methods and Materials for Containment and Clean Up: To aid collection, bulk spills can be covered with sand, sawdust etc then scooped/shovelled into a disposal container and disposed of in an appropriate manner. Residual material can be treated with household detergent and collected in a waste water system according relevant State Disposal Authority guidelines.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling: No Data Available
Conditions for Safe Storage (Including Any Incompatibles): No Data Available

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards: No Data Available
Biological Monitoring: No Data Available
Control Banding: No Data Available
Engineering Controls: No Data Available
Individual Protection Measures:
Eye and Face Protection - No Data Available
Skin Protection - No Data Available
Respiratory Protection - No Data Available
Thermal Hazards - No Data Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Reddish brown, clear liquid
Odour: No Data Available
Odour Threshold: No Data Available
pH: No Data Available
Melting Point: No Data Available
Boiling Point: No Data Available
Flash Point: No Data Available
Evaporation Rate: No Data Available
Flammability: No Data Available
Flammability or Explosive Limits: No Data Available
Vapour Pressure: No Data Available
Vapour Density: No Data Available
Relative Density: 1.07 gm/ml
Solubility: Miscible in water
Partition coefficient: n-octanol/water: No Data Available
Auto Ignition Temperature: No Data Available

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Decomposition Temperature: No Data Available
Viscosity: No Data Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity: No Data Available
Chemical Stability: No Data Available
Possibility of Hazardous Reactions: No Data Available
Conditions to Avoid: No Data Available
Incompatible Materials: No Data Available
Hazardous Decomposition Products: No Data Available

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Non-toxic to healthy humans and animals.
Skin Corrosion/Irritation: No Data Available
Serious Eye Damage/Irritation: No Data Available
Respiratory or Skin Sensitisation: No Data Available
Germ Cell Mutagenicity: No Data Available
Carcinogenicity: No Data Available
Reproductive Toxicity: No Data Available
Specific Target Organ Toxicity – Single Exposure: No Data Available
Specific Target Organ Toxicity – Repeated Exposure: No Data Available
Aspiration Hazard: No Data Available
Possible Routes of Exposure: No Data Available
Early Onset Symptoms Related to Exposure: No Data Available
Delayed Health Effects From Exposure: No Data Available
Exposure Levels and Health Effects: No Data Available
Interactive Effects: No Data Available
Other Information: No Data Available

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available
Persistence and Degradability: No Data Available
Bioaccumulative Potential: No Data Available
Mobility in Soil: No Data Available
Other Adverse Effects: No Data Available

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Containers and Methods: No Data Available
Physical/Chemical Properties that May affect Disposal Options: No Data Available
Effects of Sewerage Disposal: No Data Available
Special Precautions for Incineration/Landfill: No Data Available

SECTION 14 TRANSPORT INFORMATION

UN Number: None allocated
Shipping Name: Electrolyte Liquid for Horses
Transport Hazard Class: None allocated
Packing Group: No Data Available
Environmental Hazards for Transport Purposes: No Data Available
Precaution for User: No Data Available
Additional Information: No Data Available
HAZCHEM or Code: No Data Available

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SECTION 15 REGULATORY INFORMATION

Subject to the Following International Agreements: No Data Available
APVMA Number: 60317

SECTION 16 OTHER INFORMATION

Date of Preparation / Revision: 14th September 2015

Changes Made During Revision:

This SDS is prepared in accordance to the "Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011".

This SDS contains only safety related information. For other data see product literature.

Acronyms/Abbreviations:

<	less than
>	greater than
AICS	Australian Inventory of Chemical Substances
ADG	Australian Dangerous Goods Code
CAS	Chemical Abstracts Service (Registry Number)
CO2	Carbon Dioxide
COD	Chemical Oxygen Demand
ERMA	Environmental Risk Management Authority
HSNO	Hazardous Substance and New Organism
IATA	International Air Transport Association
IDLH	Immediately Dangerous to Life and Health
IMDG	International Maritime Dangerous Goods Code
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals
Misc	miscible
N/A	Not Applicable
NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (number)
cm2	square centimetres
deg C ('C)	degrees Celsius
g	gram
g/cm3	grams per cubic centimetre
g/l	grams per litre
immiscible	liquids are insoluble in each other
kg	kilogram
kg/m3	kilograms per cubic metre
ltr	Litre
m3	cubic metre
mPa.s	milli Pascal per second
mbar	millibar
mg	milligram
mg/24H	milligrams per 24 hours
mg/kg	milligrams per kilogram
mg/m3	milligrams per cubic metre
miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present

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mm	millimetre
ppb	parts per billion
ppm	parts per million
ppm/2h	parts per million per 2 hours
ppm/6h	parts per million per 6 hours
tne	tonne
ug/24H	micrograms per 24 hours
wt	weight

This SDS summarises Zoo Pets P/L best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Zoo Pets P/L expressly disclaims that the SDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the SDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.

END OF SDS