

SAFETY DATA SHEET

VALUE PLUS LIQUID IRON

SECTION 1 IDENTIFICATION

Product Name: Value Plus Liquid Iron for Horses & Greyhounds
Company Product Code: VAL4280, VAL4282, VAL4284
Other Names: Liquid Iron
Recommended Use/Restrictions: Supplementary source of iron and minerals for horses, greyhounds and dogs.
Company: Pet Brands Connect Pty Ltd
Address: 6 Interchange Drive, Eastern Creek NSW 2766
PO Box 335, Horsley Park NSW 2175
W: www.valueplus.net.au E: info@petbrandsconnect.com.au
Telephone Number: +61 (0)2 8868 8688 (Mon-Fri 9:00am – 5:00pm)
Fax Number: +61 (0)2 8868 8647
Emergency Telephone Number: Poisons Information Centre 13 11 26

SECTION 2 HAZARDS IDENTIFICATION

Hazard Classification: This product is classified as: **Not Hazardous** according to criteria of NOHSC Australia
Signal Word: No data available
Hazard Statement: No data available
Precautionary Statement: No data available

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
A mixture of iron, cobalt, manganese, and copper in different proportions and concentrations.		
Caramel Flavour		> 1.0 %
Water and inert ingredients		to volume

SECTION 4 FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

Swallowed:

Necessary First Aid Measures - No emergency first aid care is required, but if poisoning occurs contact a doctor or Poisons Information Centre, Phone 13 11 26, from anywhere in Australia.

Symptoms Caused by Exposure - No data available
Medical Attention and Special Treatment - Treat symptomatically

Eye:

Necessary First Aid Measures - If product gets in eyes, hold eyelids apart and flush the eye continuously with running water for 10 minutes.

Symptoms Caused by Exposure - No data available
Medical Attention and Special Treatment - If swelling, redness or irritation occurs, seek medical assistance. Treat symptomatically

Skin:

Necessary First Aid Measures - Wash contaminated skin with soap and water and remove any contaminated clothing.

Symptoms Caused by Exposure - No data available
Medical Attention and Special Treatment - No further measures should normally be required, however if swelling, redness or irritation occurs seek medical assistance. Treat symptomatically.

Inhaled:

Necessary First Aid Measures - No first aid measures normally required. If irritation develops, remove to fresh air and observe until recovered.

Symptoms Caused by Exposure - No data available
Medical Attention and Special Treatment - Treat symptomatically

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SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment:	This product does not burn. Use extinguishing media suited to the materials that are burning.
Specific Hazards Arising from the Chemical:	No data available
Special Protective Precautions and Equipment for Fire Fighters:	Wear self-contained breathing apparatus and full protective clothing in accordance with normal fire-fighting procedures.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Slippery when spilt. Clean up spills immediately. Clean up personnel should wear protective clothing, including gloves.
Environmental Precautions:	In the event of a major spill, prevent product from entering drains or water courses.
Methods and Materials for Containment and Clean Up:	Use absorbent (soil, sand or other inert material) if a considerable quantity is spilt. Collect and seal in properly labelled containers/drum for disposal.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling:	Keep container closed when not in use.
Conditions for Safe Storage (Including Any Incompatibles):	Avoid exposure to high temperature or humidity. No special storage requirements.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards:	The nature of this product makes it unlikely to cause any problem when handled in accordance to instructions.
Biological Monitoring:	No data available
Control Banding:	No data available
Engineering Controls:	No engineering controls allocated. If large amounts of product are being handled, ensure adequate ventilation system.
Individual Protection Measures:	
<i>Eye and Face Protection -</i>	Protective eyewear is not normally necessary when using this product, however it is always prudent to use safety glasses.
<i>Skin Protection -</i>	Not necessary under normal usage. However, Good Animal Handling Practice may require the use of PVC, neoprene or surgical gloves.
<i>Respiratory Protection -</i>	Not necessary under normal usage.
<i>Thermal Hazards -</i>	No data available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown, viscous liquid
Odour:	Odour of caramel
Odour Threshold:	Not available
pH:	4.0 to 5.0
Melting Point:	Not available
Boiling Point:	Not available
Flash Point:	Non-flammable
Evaporation Rate:	Not available
Flammability:	Non-flammable
Flammability or Explosive Limits:	Non-flammable
Vapour Pressure:	Not available
Vapour Density:	Not available
Relative Density:	Not available
Solubility:	Miscible with water

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Partition coefficient: n-octanol/water:	Not available
Auto Ignition Temperature:	Non-flammable
Decomposition Temperature:	Not available
Viscosity:	Not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	Not available
Chemical Stability:	Product is stable under normal conditions of use and storage.
Possibility of Hazardous Reactions:	This product is unlikely to spontaneously polymerise.
Conditions to Avoid:	Avoid exposure to high temperature or humidity.
Incompatible Materials:	No incompatible materials known.
Hazardous Decomposition Products:	This product is unlikely to spontaneously decompose

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin Corrosion/Irritation:	Unlikely to cause any significant problem
Serious Eye Damage/Irritation:	Mild irritation may develop on direct contact but will not cause any lasting effect.
Respiratory or Skin Sensitisation:	Unlikely to cause any significant problem
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:	Dispose of in accordance with Local, State and Federal EPA waste regulations. Plastic pail packaging is suitable for re-use (triple rinse with water prior to re-use).
Physical/Chemical Properties that May affect Disposal Options:	No data available
Effects of Sewerage Disposal:	No data available
Special Precautions for Incineration/Landfill:	Dispose of in accordance with Local, State and Federal EPA waste regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number:	None allocated
Shipping Name:	None allocated
Transport Hazard Class:	None allocated
Packing Group:	None allocated

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Environmental Hazards for Transport Purposes: No data available
Precaution for User: No data available
Additional Information: No data available
HAZCHEM or Code: None allocated

SECTION 15 REGULATORY INFORMATION

Subject to the Following International Agreements: No data available
APVMA Number: None allocated

SECTION 16 OTHER INFORMATION

Date of Preparation / Revision: 16th October 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

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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
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 Pet Brands Connect 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 Pet Brands Connect 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