



## Section 1: Identification of the Material and Supplier

**Product Name:** Pronto for Calves

**Other Names:** Electrolyte mixture.

**Proper shipping name (ADG Code):** None assigned.

**Recommended use:** As an oral electrolyte re-hydration therapy for scouring calves. Use as directed on the product label.

**Supplier:** DASCO Pty. Ltd.,  
ABN: 14 004 581 113  
24 - 26 Helen Street, HEIDELBERG HEIGHTS VIC 3081  
Tel: (03) 9459 7004 (business hours)  
Fax: (03) 9459 9200

**Emergency Phone Numbers:**

Transport/Fire Emergency: 000 (Emergency services)  
Medical Emergency: 131126 (Poisons Information Centre)

## Section 2: Hazards Identification

Not classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

**Risk Phrases:** None assigned.

**Safety Phrases:** None assigned.

## Section 3: Composition/Information on Ingredients

**Ingredients:**

Dextrose monohydrate (d-glucose) [5996-10-1] > 60 %  
Other ingredients deemed not to be hazardous to 100 %

## Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eyes: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Center or a doctor, or for at least 15 minutes.

Inhaled: Remove from exposure.

### First Aid facilities:

Recommended: Eye wash. Hand wash basin.

### Advice to Doctor:

Product is an electrolyte mixture containing a high proportion of glucose. Contact Poisons Information Centre.

### Aggravated medical conditions:

No data found.

## Section 5: Fire Fighting Measures

HAZCHEM Code: None assigned.

Evacuate: No.

Extinguishant: Water.

Risk of violent reaction or explosion: No.  
Possible risk of dust explosion.

Products of combustion: Black smoke, oxides of carbon.

Protective Equipment: Breathing apparatus and protective gloves for fire only.

## Section 6: Accidental Release Measures

### Emergency Procedures:

Contain.

### For large spills:

Contain spillage using sand or earth. Transfer both liquids and solids to suitable container. Treat residues as for small spillages.

### For small spills:

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to suitable container and arrange removal by disposals company. Wash site of spillage with water.

## Section 7: Handling and Storage

### Precautions for safe handling:

Avoid contact with skin and eyes.  
Keep away from oxidising agents.

### Conditions for safe storage:

Store in a cool, dry, well ventilated place, out of reach of children. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

### Incompatibles:

Moisture, oxidising agents, strong mineral acids, strong caustic alkalis.

## Section 8: Exposure Controls/Personal Protection

### National Exposure Standards:

**ES-TWA:** None assigned by NOHSC, but see:  
Nuisance dusts 10 mg/m<sup>3</sup>

**ES-STEL:** None assigned.

**ES-PEAK:** None assigned.

**Notations:** None.

**Biological Limit Values:** No data found.

### Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using.  
If handling industrial quantities, or if dust risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

### Personal Protective Equipment:

Avoid contact with skin and eyes. Avoid breathing dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

#### Normal Use:

Eye/face protection  
Gloves, rubber or plastic.

#### Industrial Quantities:

Dust mask  
Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.

## Section 9: Physical and Chemical Properties

Appearance: Off-white powder with an orange tinge.  
Odour: Almost odourless.  
pH: Slightly acidic.  
Vapour Pressure: None.  
Vapour Density: Not applicable.  
Boiling Point: No data.  
Melting Point: No data.  
Volatiles: None.  
Volatile Organic Compounds (VOC): None.  
Evaporation Rate: Not applicable.  
Solubilities: Soluble in water, with effervescence.  
Specific Gravity/Density: No data.  
Flash Point: No data.  
Flammable Limits: No data.  
Dust Explosion: Possible risk of dust explosion if allowed to form a dust cloud.  
Auto-ignition Temperature: No data found.

### Other Information:

Dissolves in water generating carbon dioxide, a simple asphyxiant, and forming an orange solution. May react with strong oxidising agents, strong mineral acids, strong caustic alkalis. Spillages will be slippery when wet.

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions, if kept dry.

**Conditions to Avoid:** Incompatible materials, dusty conditions.

**Incompatible Materials:** Moisture, oxidising agents, mineral acids, caustic alkalis.

**Hazardous Decomposition Products:** Carbon dioxide.

**Hazardous Reactions:** Contact with water, or acids, will generate carbon dioxide.  
Contact with strong oxidising agents may cause fire.  
Contact with concentrated nitric or sulphuric acid may cause fire and generate noxious fumes.



## Section 14: Transport Information

**UN Number:** None assigned.

**UN Proper shipping name:** None assigned.

**Class and subsidiary risk:** None assigned.

**Packaging group:** None assigned.

**Special precautions for user:** Contain spillages.  
Protect from moisture.

**HAZCHEM Code:** None assigned.

**Material for export:** Not regulated.

## Section 15: Regulatory Information

**Poisons (SUSDP):** Not a scheduled poison.

**Dangerous Goods:** No.

**Carcinogen:**

Australia	IARC	NTP	RTECS
No.	No.	No.	No.

**Agricultural and Veterinary Chemicals Act:**  
This product is registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA).

**Australian Inventory of Chemical Substances (AICS):** Listed.

**Other National/International Regulations:** No data found.

## Section 16: Other information

**Date of MSDS update:** September 2009  
Complete review and re-write of all sections.

**Abbreviations:**

NOHSC - National Occupational Health and Safety Commission.  
ACGIH - American Conference of Governmental Industrial Hygienists.  
MAK - Maximum workplace concentration - Germany,  
(**maximale Arbeitsplatzkonzentration**)  
IARC - International Agency for Research on Cancer (France).  
NTP - National Toxicology Program (USA).  
RTECS - Registry of Toxic Effects of Chemical Substances.

**Literature references:**

- (1) *New England Journal of Medicine.*  
(*Massachusetts Medical Soc., 10 Shattuck St., Boston,*  
*MA 02115*) v.315, p.989, 1986.

**Available Sources of Data:**

*National Code of Practice for the Preparation of Material Safety Data  
Sheets 2nd Edition [2011(2003)] - NOHSC.*  
*Australian Dangerous Goods Code.*  
*Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.*  
*Exposure Standards for Atmospheric Contaminants in the  
Occupational Environment [1003]- NOHSC.*  
*List of Designated Hazardous Substances [10005] - NOHSC.*  
*Merck Index - Merck Inc.*  
*Sax's Dangerous Properties of Industrial Materials - Lewis.*  
*Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.*  
*Handbook of Reactive Chemical Hazards - Bretherick.*  
*Hawley's Condensed Chemical Dictionary - Wiley Interscience.*  
*AUSREG's Chemical Data Package for PCs - AUSREG Consultancy.*