



SAFETY DATA SHEET
ELECTROLYTE POWDER

Alberta Vet Laboratories Ltd.
Document No.:
SDS-QC.017
Version:1.0
Effective Date: 2020-03-16

SAFETY DATA SHEET
Electrolyte Powder

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SDS Name: Electrolyte Powder
Product ID: EP4kg, EP2kg, EP76gm
Synonyms: NA
Chemical Family: NA
Distributed by: Alberta Veterinary Laboratory Ltd.
7226- 107th Avenue South East
Calgary, Alberta Canada
T2C5N6
For information, call: (403) 456-2245
Emergency number: (613) 996-6666 (CANUTEC)
1-800 463- 5060 OR
(418) 656-8090 (Control Poison Center)

2. HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of eye contact (irritant), of inhalation
Potential Chronic Health Effects: CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Each 76 g contains:

| Ingredients | Amount | LD50s and LC50s Route & Species: |
|--------------------|----------|----------------------------------|
| DEXTROSE | 41.734 g | Not available |
| SODIUM CHLORIDE | 3.507 g | Not available |
| GLYCINE | 6.756 g | Not available |
| POTASSIUM CHLORIDE | 1.940 g | Not available |
| SODIUM ACETATE | 13.125 g | Not available |



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| | | |
|-------------------------------|---------|---------------|
| SODIUM PHOSPHATE MONOBASIC | 0.600 g | Not available |
| DIPOTASSIUM PHOSPHATE | 0.349 g | Not available |
| CALCIUM d-PANTOTHENATE | 0.012 g | Not available |

Note: No additional remark.

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin Contact: No known effect on skin contact, rinse with water for a few minutes.

Inhalation: Not available

5. FIRE FIGHTING MEASURES

Flash Point: Not available
Flash Point Method: Not available
Auto ignition Temperature: Not available
Flammable Limits in Air (%): Not available
Extinguishing Media: Not available
Special Exposure Hazards: Not available.
Hazardous Decomposition/ Combustion Materials (under fire conditions): Not available
Special Protective Equipment: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

7. HANDLING AND STORAGE

Handling: Keep away from heat. Keep away from sources of ignition.



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Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat.

Exposure Limits: Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid powder
Colour: White
Odour: Not Available
pH: Not Available
Specific Gravity: Not Available
Boiling Point: Not Available
Freezing/ Melting Point: Not Available
Vapour Pressure: Not Available
Vapour Density: Not Available
% Volatile by Volume: Not Available
Evaporation Rate: Not Available
Solubility: Not Available
VOCs: Not Available
Viscosity: Not Available
Molecular Weight: Not Available
Other: Not Available

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Not available.
Corrosivity: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.



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11. TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact. Inhalation.
Toxicity to Animals: Acute oral toxicity (LD50): 25800 mg/kg [Rat].
(Dextrose Anhydrous)
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, permeator)
Special Remarks on Toxicity to Animals: Not available
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation: Not available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

DOT: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable

15. REGULATORY INFORMATION

Federal and State Regulations: Not available.

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).



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DSCL (EEC): This product is not classified according to the EU regulations.

HMIS (U.S.A.):

Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: a

National Fire Protection Association (U.S.A.):

Health: 1
Flammability: 1
Reactivity: 0
Specific hazard:

Protective Equipment: Gloves. Lab coat.

16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Alberta Veterinary Laboratory Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Alberta Veterinary Laboratory Ltd. has been advised of the possibility of such damages.

**This product has been classified in accordance with the hazard criteria of the CPR
and the SDS contains all of the information required**

Revision Date: 2022-03-16