



Alberta Veterinary Laboratory Ltd.

## SAFETY DATA SHEET

Electrolyte Powder

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product ID:** EPHE185, EP76  
**Product Name:** Electrolyte Powder  
**Synonyms:** NA  
**Chemical Family:** NA  
**Distributed by:** Alberta Veterinary Laboratory Ltd.  
411- 19<sup>th</sup> Street South East  
Calgary, Alberta Canada  
T2E6J7  
**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.



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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
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.



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## 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.
- 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



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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



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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).
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.



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16. OTHER INFORMATION

**SDS Number:** AVL013

**SDS creation date:** August 5, 2015

**Revised date:** Jan 30, 2018

**Revision due:** Jan 30, 2020

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