

Aurora Pharmaceutical, LLC

# SAFETY DATA SHEET

## Balance – Stress and Dehydration Aid

### 1. PRODUCT IDENTIFICATION

Product Code: 15-077

Product Name: Balance – Stress and Dehydration Aid

Product Use: For metabolic imbalances and dehydration due to stress events in animals

CAS#: na

#### Contact

Aurora Pharmaceutical

1196 Hwy 3 South

Northfield, MN 55057

888-215-1256

24 hr. Emergency – 888-863-9376

### 2. HAZARDS IDENTIFICATION

Chemical Family:

HMIS Rating System:      Health = 2      Flammability = 0      Reactivity = 0

Precautions: Avoid breathing dust.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical Identity

Common Name: na - mixture

CAS #: na

Hazardous Components	CAS#	% composition
Calcium Silicate	1344-95-2	Proprietary Information
Potassium Chloride	7447-40-7	Proprietary Information
Sodium Chloride:	7647-14-5	Proprietary Information
Trisodium Citrate	6132-04-3	Proprietary Information
Zinc Chelate	NE	Proprietary Information

\*NE: Not Established

### 4. FIRST AID MEASURES

### Principle Routes of Exposure

**Eyes:** Remove contact lenses if possible. Immediately flush eyes for at least 15 minutes with water. Seek medical attention.

**Skin:** Wash with soap and water. If irritation develops, seek medical attention.

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If symptoms develop, seek medical attention.

**Ingestion:** Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. If symptoms develop, seek medical attention.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Dry chemical or water spray fire extinguishers

**Unsuitable Extinguishing Media:** na

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide

**Specific Hazards Arising From the Chemical:** none

**Protective Equipment and Precautions for Firefighters:** Wear protective clothing and positive-pressure, self-contained breathing apparatus with full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Gloves, particulate respirator.

**Methods for Cleaning up:** Use appropriate tools to place in a convenient disposal container. Use water to wash contaminated surfaces. Dispose in accordance with local, state, and federal regulations.

**Other Information:** na

## 7. HANDLING AND STORAGE

**Handling:** Do not ingest. Do not breathe dust. Avoid contact with eyes. Keep away from oxidizing agents, acids.

**Storage:** Keep away from oxidizing agents, acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal Protective Equipment

**Eye/face Protection:** Safety glasses or goggles

**Skin Protection:** Gloves

**Respiratory:** Avoid breathing dust. Local ventilation, engineering controls, and/or a particulate respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (color):** Mixture of turquoise and white crystals

**Physical State:** Solid

**Odor:** mild citrus odor

**pH:** na

**Flash Point:** na

**Auto Ignition Temperature:** na

**Boiling Point/Range:** na

**Melting Point/Range:** na

**Flammability (solid, gas):** na

**Upper/Lower Flammability:** na

**Vapor Pressure:** na

**Vapor Density:** na

**Specific Gravity:** na

**Water Solubility:** Highly soluble

**Reactivity in Water:** non-reactive

**Decomposition Temperature:** na

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** low

**Conditions to Avoid:** Incompatible materials

**Incompatible Materials:** Strong oxidizers, acids

**Hazardous Decomposition Byproducts:** Carbon dioxide, carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

### LD50

Calcium Silicate: not available

Potassium Chloride: Oral: 2500 mg/kg (guinea pig), 2600 mg/kg (rat), 1500 mg/kg (mouse)

Sodium Chloride: Oral: 3000mg/kg (rat), 4000 mg/kg (mouse). Dermal: >10000mg/kg (rabbit). Dust (LC50): 42000 mg/m 1hour (rat).

Trisodium Citrate: not available

Zinc Chelate: not available

### Acute Toxicity

Slightly hazardous in case of skin contact (irritant), eye contact (irritant), of ingestion, and of inhalation.

### Chronic Toxicity

For potassium chloride, the substance may be toxic to blood or cardiovascular system.

**Sensitization:** Not available.

**Neurological Effects:** Not available.

**Mutagenic Effects:** Sodium Chloride and Potassium Chloride have been shown to be mutagenic for mammalian somatic cells and for bacteria and yeast.

**Reproductive Effects:** Not available.

**Developmental Effects:** na

**Target Organ Effects:** Repeated or prolonged exposure may product target organ damage.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity (aquatic and terrestrial):** not available

**Persistence/Degradability:** Possible short term degradation products are not likely. However, long term degradation products may arise.

**Bio-accumulative Potential:** Not likely to bio-accumulate.

**Mobility in Soil:** not available

**Other Adverse Effects:** The product itself and degradation products are non-toxic.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method (waste residues, safe handling disposal):** Dispose in accordance with local, state, and federal regulations.

**Contaminated Packaging Disposal:** No special actions required.

#### 14. TRANSPORT INFORMATION

**UN Number:** na - mixture

**UN Proper shipping name:** na - mixture

**Hazard Class:** non-regulated

**DOT:** non-regulated

**ICAO/IATA Class:** non-regulated

**Marine Pollutant (Yes/No):** No

#### 15. REGULATORY INFORMATION

**USA Federal Regulations:** This product is not regulated

#### 16. OTHER INFORMATION

**Prepared By:** Aurora Pharmaceutical, LLC

**Preparation Date:** 1/16/15

**Revision Date:** 1/16/15

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Aurora Pharmaceutical makes no representations as to the completeness or accuracy thereof. Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Aurora Pharmaceutical be responsible for damages of any nature whatsoever resulting from use of or reliance upon said information presented herein. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.