

## SAFETY DATA SHEET

### BUBBLE CAKE HARDENER

According with the Directive 91/155/EEC  
(Directives 1999/45/CE & 2001/58/CE)

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### 1.1 **PRODUCT IDENTIFICATION**

Potassium Bitartrate L (+)

Synonyms: Cream of Tartar, Potassium Hydrogen Tartrate, Potassium bitartrate.

##### 1.2 **UTILISATION OF PRODUCT**

Ph regulator and tartaric stabilizer in production of wines and as leavening agent for baking powder specially.

##### 1.3 **COMPANY IDENTIFICATION – SUPPLIER OF SAFETY DATA SHEET**

Canwax  
114 Lindgren Rd. W Unit 1B  
Huntsville, ON P1H 1Y2  
705-789-1002  
[www.canwax.com](http://www.canwax.com)

##### 1.4 **EMERGENCY TELEPHONE**

ChemTel (800) 255-3924 Domestic USA, Canada, Puerto Rico, USVI + (813) 248-0585 International

#### 2. COMPOSITION/INFORMATION ABOUT COMPONENTS

Potassium Bitartrate with assay similar or superior to 99.5 %

**CAS NO:** 212-769-1

**EINECS NO:** 868-14-4

**CEE NO.:** E-336i. Food Additive

#### 3. DANGER IDENTIFICATION

Based on available data, product is not a dangerous product according to law for chemical products and regulations for dangerous products currently in force.

**Physical and Chemical Danger:** None **Danger for Human Use:** None **Danger for Animal and Environment:** None

#### 4. **FIRST AIDS**

**SKIN:** Wash area with abundant water, in case of rash. If serious, ask for medical attention.

**EYES:** First, wash your eyes with abundant water, use an alkaline eye drops and consult to an ophthalmologist.

**CONSUMPTION:** If product is consumed, take sodium Bicarbonate in moderate doses and ask for medical attention.

**INHALATION:** Breathe fresh air, if necessary use a mask and ask for medical attention.

#### 5. **MEASURE AGAINST FIRE**

**Adequate extinguishing means:** Water under pressure. Foam. Carbonic gas. Dry powder.

**Inadequate means:** Nothing especially remarkable known.

**Protection against fire:** mask of autonomous breath and fireproof clothing is suggested.

**Additional information:** Water for extinction must not arrive to sewers, to ground or water. Provide enough devices for extinction water retention. Fire rests and contaminated extinction water must be eliminated according to current local laws.

#### 6. **MEASUREMENTS TO BE TAKEN IN CASE OF ACCIDENTAL DUMPING**

##### **Precautions in case of dumping**

Any special precaution is necessary to be taken.

In case of special sensitivity to the product, use safety glasses, closed clothes and masks for powder.

Remove or aspire the dumping and put it in an adequate container to be eliminated.

#### 7. **HANDLING AND STORAGE**

**Handling:** In case of special sensitivity to product, use clothing that covers the most parts of the body, latex gloves and mask to avoid the powder, (do not use contact lenses).

After having used the product, especially if it is powder, wash with abundant water.

**Storage:** Fresh place (< 25°C) and dry (<80 % HR)

#### 8. **EXPOSITION/PERSONAL PROTECTION CONTROLS**

**Limit values to be controlled in work place**

Not determined

**Personal protection**

None

**Breath protection**

Any protective special equipment is required.

If powder appears: Mask against powder with particle P2 filter

**Hand Protection**

Wear protective gloves manufactured with the following materials: Cloth, latex, leather.

**Eye Protection**

Protective glasses with lateral covers.

If powder appears: grille glasses.

**Skin and Body Protection**

Use clothes that completely cover body to avoid possible irritations on skin.

**Hygiene Measurements**

Do not eat, drink, or smoke during use. Wash face and hands after concluding work.

Wash contaminated clothing before using again.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Solid

**Aspect/Color:** Powder or small white crystals

**Odor:** No odor

**Chemical formula:** C<sub>4</sub>H<sub>5</sub>KO<sub>6</sub>

**Molecular Weight:** 188.18

**Boiling Point**

Not described in any bibliography.

**Specific Heat (20°C)**

0,288 cal/mg/°C

**Solubility in Water**

At 10°C: 4g/1000ml At 100°C:

61g/1000ml

**pH (1%) in Water:** 3,5-3,6

**Specific Density at 20°C:** 1,2 g/ml

**Specific Rotation**

Watery solution 20/00, 20°C, 589,2nm. (+32,5° at +35,5°)

**Combustion Heat:** 275,  
1 Kcal/mol.

**Refraction Index:**  
1.511

**Crystal Form:**  
Prisms in shape of rhombuses.

## **10. STABILITY AND REACTIVITY**

In normal conditions, it is **TOTALLY STABLE** to the air and to the light. IT IS NOT HIGROSCOPIC, NOT EFLUORECENT.

**Incompatibilities:**  
In a watery solution mixed with CARBONATES, it produces abundant foam with leak of CARBONIC ANHIDRID (CO<sub>2</sub>).

**Decomposition Danger:**  
NOT-EXISTENT in normal conditions.

**Polymerization:**  
NOT-EXISTENT in normal conditions.

**Storage Conditions:**  
Store in a dry place away from toxic products.

## **11. TOXICOLOGIC INFORMATION**

**This product is NOT TOXIC.**

**Dose Recommended for Human Use**  
0,38 mg/kg weight.

**Carcinogenic**  
Not described any risk in this field

**Mutagenic:**  
Not described any risk in this field.

**Main Absorption Ways:**  
Inhalation, mucous membranes, consumption

## **12. ECOLOGIC INFORMATION**

Behavior in Environment: Biodegradable

Ecotoxic Effects: Unknown with concentrations that present.

### **13. CONSIDERATIONS ABOUT ELIMINATION**

**Product:** Could be incinerated using a post burner and gases picker.

**Packaging:** Those in paper and plastic could be incinerated.

### **14. INFORMATION RELATED TO TRANSPORT**

**Surface Transport:** Special precautions are not necessary.

**Sea Transport by Vessel:** Special precautions are not necessary.

**Air Transport:** Special precautions are not necessary.

### **15. REGULATION INFORMATION**

Sign posting and labelling according to CEE regulations.

The substance is a food additive, and can be labelled like this.

A special precautionary labelling is not compulsory.

### **16. ADDITIONAL INFORMATION**

All information is presented in good faith using available information. Canwax makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.