



101,102 Jayesh Bldg., Waliv, Vasai (E)-401 208, Maharashtra, India

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## POTASSIUM BICARBONATE FCC MATERIAL SAFETY DATA SHEET

### Section 1: Chemical Product and Company Identification

**Product Name** : Potassium Bicarbonate FCC

**CAS#** : 298-14-6

**FSSAI Lic. No.:** 11519019000530

#### **Contact Information:**

**U.S.Steriles**

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Palghar-401 208, Maharashtra, India

### Section 2: Composition and Information on Ingredients

Name	CAS #	% by Weight
Potassium Bicarbonate	298-14-6	100

**Toxicological Data on Ingredients:** Potassium bicarbonate LD50: Not available. LC50: Not available.

### Section 3: Hazards Identification

**No significant hazards associated with this material**

Suggested NFPA ratings:

HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
1	0	0	E

### Section 4: First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Cold water may be used. Get medical aid immediately.

**Skin Contact:** Wash with non-abrasive soap and water. Cold water may be used. Remove the contaminated clothing and shoes. Wash clothing before reuse.

**Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

**Inhalation:** If person breathes large quantities, remove to fresh air at once. If breathing stops, apply artificial respiration immediately.

**Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

### Section 5: Fire and Explosion Data

Flammability of the Product	Non-flammable
Extinguishing media	Not applicable
Special Fire Fighting Procedures	Not applicable
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.



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### **Section 6: Accidental Release Measures**

**Spill Procedures:** Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into containers for proper disposal.

### **Section 7: Handling and Storage**

**Storage Temperatures:** Store at ambient temperature

**Handling/Storage Precautions:** Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials. Reseal containers immediately after use. Store away from food and beverages.

### **Section 8: Exposure Controls/Personal Protection**

**Eye Protection:** Safety glasses or goggles.

**Skin Protection:** PVC gloves with impervious boots, apron or coveralls. Employees should wash their hands and face before eating, drinking or using tobacco products.

**Respirator:** Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.

**Ventilation:** Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.

**Additional Protective Measures:** Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of chemicals.

### **Section 9: Physical and Chemical Properties**

Physical state and appearance	White Crystalline powder free from dirt & foreign matter.
Odour	Odourless
Taste	Slightly alkaline taste.
Molecular Weight	100.115 g/mol
Colour	White
Carbonate (pH of 5% w/v Solution)	8.31
Boiling Point	Not available
Melting Point	Decomposes
Specific Gravity	2.17 (Water = 1)
Solubility	Freely Soluble in water

### **Section 10: Stability and Reactivity Data**

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

### **Section 11: Toxicological Information**

**Routes of Entry:** Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:**

LD50: Not available. LC50: Not available.



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**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Non-Hazardous

**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.

#### **Section 12: Ecological Information**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Non-hazardous

**Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

#### **Section 13: Disposal Considerations**

**Waste Disposal Method:** Follow applicable Federal, state, and local regulations.

#### **Section 14: Transport Information**

Non-hazardous, not regulated for transport

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

#### **Section 15: Other Regulatory Information**

Not applicable

#### **Section 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 U.S. Steriles 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 U.S. Steriles has been advised of the possibility of such damages.