

**Data  
Sheet****Material Safety Data Sheet  
Cream of Tartar****EMERGENCY TELEPHONE NUMBER: 800-424-9300****CAS No.: 888-14-4****Substance: Potassium Bitartrate****Trade Names / Synonyms: Cream of Tartar, Potassium Acid Tartrate****Chemical Family: Tartrates****Molecular Formula:  $\text{KHC}_4\text{H}_4\text{O}_6$** **Molecular Weight: 188.2****HMIS****Health: 1****Flammability: 0****Reactivity: 0****Personal Protection: Safety glasses, gloves and an apron****Percent: Potassium Bitartrate-99.7%****Other Contaminants: Inert Salts-0.3%****Exposure Limits: NK****Description: White crystalline powder, odorless****Vapor Density: NA****Vapor Pressure: NA****Solubility in Water: Soluble****Melting Point: 166 °C****Boiling Point: NA****%Volatile: NA****Specific Gravity: 1.956****How to detect this substance: Chemical Analysis****Flash Point: NA-Non Combustible**

**Fire Extinguishing Materials:** Water, CO2, Foam Chemicals  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None  
**Flammable Limits:** NA

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**DOT Classification:** NR  
**DOT Label:** NA  
**UN/NA Number:** NK  
**Special Instructions:** None

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**Non-Toxic, Food Additive**  
**NF-FCC-GRAS**

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**Inhalation**

**Acute Exposure:** May irritate respiratory system

**Chronic Exposure:** NK

**First Aid:** Remove to fresh air

**Skin Contact**

**Acute Exposure:** May irritate moist skin

**Chronic Exposure:** NK

**First Aid:** Wash with soap and water

**Eye Contact**

**Acute Exposure:** May irritate eyes and cause redness

**Chronic Exposure:** NK

**First Aid:** Flush with water for 15 minutes.

**Ingestion**

**Acute Exposure:** May irritate the digestive system

**Chronic Exposure:** NK

**First Aid:** Give large volume of water

**Antidote:** Water

**Suspected Cancer Agent:** No

**Recommendations to a doctor:** Treat symptomatically

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**Stability:** Stable

**Incompatibilities: NA**

**Decomposition Products: NK**

**Hazardous Polymerization: Will not occur**

**Conditions to Avoid: NK**

**Ventilation: Local Exhaust**  
**Respiratory Protection: Dust Mask**  
**Clothing: Work**  
**Gloves: Rubber**  
**Eye Protection: Safety Goggles**

**NA=Not Applicable**  
**ND=Not Determined**  
**NK=Not Known**

**Creation Date: 1/91**  
**Revision Date: 5/01**



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