



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Acesulfame Potassium FCC

30-4398

### Section 1: Identification

**Product Name** Acesulfame Potassium FCC

**Commercial Name** Not available.

**Product Use** Not available

**Restrictions On Use** Not available

**Product Code** 30-4398

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

### Section 2: Hazard(s) Identification

**OSHA Haz Com:** Serious Eye damage/ eye irritation Category 2A

**CFR 1910.1200**

**Signal Word** NON-HAZARDOUS

**Hazard Statement(s)** N/A

**Pictogram(s) or Symbol(s)**

#### Precautionary Statement(s):

<b>Prevention</b>	Wash thoroughly after handling. Wear eye/face protection.
<b>Response</b>	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.

### Section 3: Composition/Information on Ingredients

<b>Substance/Mixture</b>	Substance
<b>Components</b>	Acesulfame K
<b>% By Weight</b>	100
<b>CAS#</b>	55589-62-3
<b>Molecular Weight</b>	201.24 g/mole
<b>Chemical Formula</b>	C <sub>4</sub> H <sub>4</sub> KNO <sub>4</sub> S
<b>Synonym(s)</b>	6-Methyl-1,2,3-oxathiazin-4(3H)-one 2,2-dioxide potassium salt; Acesulfame K; Sunett; Potassium acesulfame; Sweet One

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
			N/A	N/A

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin Contact</b>	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Irritation of eyes and mucous membranes.
<b>Delayed</b>	Irritation of eyes and mucous membranes.
<b>Immediate Medical Attention</b>	
Provide general supportive measures and treat symptomatically.	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Water. Foam. Dry chemical or CO<sub>2</sub>

**Unsuitable Extinguishing Media**

Not available

**Products of Combustion**

No unusual fire or explosion hazards noted.

**Firefighters Special Equipment and Precautions**

Wear suitable protective equipment. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials

**Section 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment. Methods and materials for containment and cleaning up: Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination.

**Section 7: Handling and Storage**

Handling: As a general rule, when handling USP Reference Standards, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Storage: Store in tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

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

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Airborne exposure should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because it can control the contaminant at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intended for use with highly potent materials should be assessed by use of nontoxic surrogate materials.



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### Personal Protection

Eye/face protection: Safety glasses with sideshields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g., bearing the ANSI Z87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area. Skin protection Hand protection: Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. Other: For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take-home contamination. Respiratory protection: Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.134). Thermal hazards: Not available. General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White crystalline powder.		
<b>Odor</b>	Odorless.		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	> 437 °F (> 225 °C) (decomp)	<b>pH</b>	6.5 - 7.5 (1% aqueous solution)
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	< 0.0000001 kPa at 25 °C
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available	<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	> 410 °F (> 210 °C)
<b>Flammability</b>	Not available	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available
		<b>Upper</b>	Not available
<b>Solubility(ies)</b>	Soluble in water		
<b>Other</b>	Chemical family Acetoacetic acid derivative. Molecular formula C <sub>4</sub> H <sub>5</sub> NO <sub>4</sub> S.K Molecular weight 201.24 Percent volatile < 1 % Solubility (other) Very slightly soluble in acetone and in alcohol; partially soluble in methanol; slightly soluble in glycerol; soluble in glacial acetic acid; very soluble in dimethylformamide and in dimethylsulfoxide.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available
<b>Chemical Stability</b>	Stable at normal conditions.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Strong oxidizing agents, metals, and acids.
<b>Hazardous Decomposition Products</b>	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

**Section 11: Toxicological Information**
**RTECS** RP4489165

**Acute Toxicity**

Not available.

**Skin Corrosion/Irritation**

No effects expected

**Serious Eye Damage/Irritation**

Causes serious eye irritation

**Respiratory or Skin Sensitization**

No effects expected

**Germ Cell Mutagenicity**

No mutagenic effects

**Carcinogenicity**

No effects expected

**Reproductive Toxicity**

No effects expected

**Routes of Entry**

Eye.



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### Symptoms Related to Exposure

Not available.

### Potential Health Effects

No effects expected

### Target Organ(s)

No subchoric effects

## Section 12: Ecological Information

### Ecotoxicity

No data available.

### Persistence and Degradability

None

### Bioaccumulative Potential

None

### Mobility in Soil

None

### Other Adverse Effects

None

## Section 13: Disposal Considerations

### Waste Disposal

Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

### Disposal of Container

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### Other Considerations

Not available

## Section 14: Transport Information

### DOT Classification

DOT Not regulated as a hazardous material by DOT

## Section 15: Regulatory Information

### Regulations

US federal regulations CERCLA/SARA Hazardous Substances - Not applicable. One or more components are not listed on TSCA. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No SARA 302 Extremely hazardous substance No SARA 311/312 Hazardous chemical Yes Other federal regulations Safe Drinking Water Act (SDWA) Not regulated. Food and Drug Administration (FDA) Not regulated. US state regulations California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### Other

Not available.

## Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.