



Safety Data Sheet

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

Montelukast Sodium USP

30-4735

Section 1: Identification

Product Name Montelukast Sodium USP

Commercial Name N/A

Product Use N/A

Restrictions On Use N/A

Product Code 30-4735

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: SKIN IRRIT. 2 EYE IRRIT. 2A STOT SE 3

CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Not available
Response	Not available.
Storage	Not available
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Cyclopropaneacetic acid, 1-[[[1-[3-[2-(7-chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]

% By Weight Pure material

CAS# 151767-02-1

Molecular Weight 609.20 g/mole

Chemical Formula C35H35CINaO3S

Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Cyclopropaneacetic acid, 1-[[[1-[3-[2-(7-chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]	151767-02-1	Pure material		

[3-[2-(7-chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]thio]methyl]-, sodium salt

Section 4: First-Aid Measures

Inhalation	If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
Skin Contact	In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
Eye Contact	In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.
Ingestion	If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
	Not available.

Section 5: Fire-Fighting Measures
Suitable Extinguishing Media

Carbon dioxide, water, or dry chemical spray

Unsuitable Extinguishing Media

N/A

Products of Combustion

Emits toxic fumes under fire conditions.

Firefighters Special Equipment and Precautions

Fire Fighting Instructions: As in any fire, wear self-contained breathing demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Ensuring personal safety, mark out contaminated area with signs and prevent unauthorized access. Turn leaking containers up to prevent further Evacuate area. Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep-up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

Section 7: Handling and Storage

Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling. Precautions To Be Taken in Storing: Material is very hygroscopic. Store in a well closed container under nitrogen atmosphere and protect from light below 25°C. Store in Original containers.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Eye wash station in work area Lab coat Latex disposable gloves Safety glasses Safety shower in work area Vent Hood Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Work/Hygienic/Maintenance Practices: Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Wash thoroughly after handling.
Personal Protection	Respiratory Equipment (Specify Type): No data available. Eye Protection: Safety glasses Protective Gloves: Disposable gloves Other Protective Clothing: Lab coat

Section 9: Physical and Chemical Properties

Appearance	A crystalline solid.		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	N/A	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	Not available.	Viscosity	N/A
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	N/A	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Soluble in water. 0.15 m /ml at 25.0 C Ethanol:PBS (pH 7.2)(1:9), sol. in EtOH, DMSO & DMF		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable
Hazardous Polymerization	Will not occur
Conditions to Avoid	Not available.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS	N/A
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Acute Toxicity

Oral (rat) LD50: >5000 mg/kg Eye: SEVERE Oral (mouse) LD50: >5000 mg/kg Skin: Mild

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

The material may produce severe irritation to the eye causing pronounced inflammation.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

N/A

Symptoms Related to Exposure

Not available.

Potential Health Effects

Repeated or prolonged exposure to irritants may produce conjunctivitis. The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, and the production of vesicles, scaling and thickening of the skin

Target Organ(s) Not available.

Section 12: Ecological Information**Ecotoxicity**

Runoff from fire control or dilution water may cause pollution.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not DOT regulated.

Section 15: Regulatory Information**Regulations**

Not available.

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.