

Section 1: Identification

Product Name Cromolyn Sodium USP
Commercial Name Cromolyn Sodium
Product Use N/A
Restrictions On Use N/A
Product Code 30-5178
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 2 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 Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage Store in a closed container.

Disposal Dispose of contents/container in a site approved for chemical and hazardous waste or burned in a specialised burning centre.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components 4H-1-Benzopyran-2-carboxylic acid, 5,5'-((2-hydroxy trimethylene) dioxy)bis(4-oxo-, disodium salt
% By Weight N/A
CAS# 15826-37-6
Molecular Weight 512.35
Chemical Formula C₂₃H₁₄NA₂O₁₁
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
4H-1-Benzopyran-2-carboxylic acid, 5,5'-((2-hydroxy trimethylene) dioxy)bis(4-oxo-, disodium salt	15826-37-6	N/A	N/A	N/A

Section 4: First-Aid Measures

Inhalation	Allow the victim to rest in a well ventilated area. Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. In severe cases or if symptoms persists, seek medical attention
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Eye Contact	Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention
Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Symptoms/Effects	
Acute	N/A
Delayed	N/A
Immediate Medical Attention	N/A

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

In case of fire use water, chemical type foam, carbon dioxide, dry chemical. Prevent run off of water from entering drains.

Unsuitable Extinguishing Media

N/A

Products of Combustion

The substance evolves toxic fumes due to the presence of CO, CO₂

Firefighters Special Equipment and Precautions

Wear: Gas masks scuba. Complete protective equipment composed by: helmet with face shield and neck protection, fireproof jacket and trousers with straps around arms, legs and waist. As not expected at this point, refer to the personal protective equipment recommended in Section 8 of this sheet.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Keep away any ignition source. Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes. Ensure adequate ventilation. Methods and materials for containment and cleaning up: Absorb spillage in earth or sand. Sweep or shovel-up spillage and remove to a safe place. Damp down to avoid dust generation. Environmental precautions: Do not allow to penetrate the ground/soil. Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system.

Section 7: Handling and Storage

Precautions for safe handling: This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet. It should always be handled in an efficient fume hood or equivalent system and, if necessary, wear protective equipment. Care should be taken to prevent the chemical from coming into contact with the skin or eyes and from contaminating personal clothing. Conditions for safe storage, including any incompatibilities. Avoid contact with oxidising substances. For safety purposes, the substance does not require any special storage conditions. As an indication, the information provided by official monographs are: USP: Preserve in tight containers. EP: In an airtight container, protected from light. For storage of the substance for pharmaceutical use, or for registration purposes please refer to the stability data conducted in-house and reported in the document regulatory "Active Substance Master File" (ASMF or DMF). Specific end uses. Laboratory investigations, testing of pharmaceutical technology. Formulation in pharmaceutical preparations.

Section 8: Exposure Controls/Personal Protection

Exposure Limits

Contains no substances with occupational exposure limit value

Engineering Controls

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing.

Personal Protection

Eye/face protection Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Hand protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Skin and body protection The type of protective equipment (es. Tyvek suit) must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Complete suit protecting against chemicals, flame retardant antistatic protective clothing. Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) with cartridges P1 (inert substances) P2 (harmful substances) P3 (toxic substances). Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance	Hygroscopic crystalline powder; white to almost white		
Odor	odourless		
Odor Threshold	N/A		
Melting Point	Above 200°C with decompo:	pH	N/A
Freezing Point	N/A	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	Above 200°C	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	Water soluble		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	N/A
Chemical Stability	The product is stable in usual working conditions.
Hazardous Polymerization	N/A
Conditions to Avoid	Heat, flames and sparks
Incompatible Materials	Strong oxidising agents. Alkali metals, bases, strong acids, halogens
Hazardous Decomposition Products	The substance evolves toxic fumes due to the presence of CO, CO ₂

Section 11: Toxicological Information

RTECS N/A

Acute Toxicity

Acute Oral LD 50 rat mg/kg > 11000 Acute Oral LD 50 mouse mg/kg > 11000 Acute Oral LD 50 dog mg/kg > 4000 Acute Oral LD 50 rabbit mg/kg > 8000 Acute sub. cut. LD 50 rat mg/kg 6000 Acute sub. cut. LD 50 mouse mg/kg 4400 Acute I.P. LD 50 ratto mg/kg > 4000 Acute I.P. LD 50 topo mg/kg 1000 Acute I.V. LD 50 rat mg/kg > 4000 Acute I.V. LD 50 mouse mg/kg 3300 Acute I.V. LD 50 dog mg/kg > 1600 Acute I.V. LD 50 rabbit mg/kg 2000

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

Causes serious eye irritation.

Respiratory or Skin Sensitization

N/A

Germ Cell Mutagenicity

N/A

Carcinogenicity

N/A

Reproductive Toxicity

N/A

Routes of Entry

N/A

Symptoms Related to Exposure

N/A

Potential Health Effects

May be harmful if inhaled. May be harmful if swallowed. May cause skin irritation.

Target Organ(s) N/A**Section 12: Ecological Information****Ecotoxicity**

N/A

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations**Waste Disposal**

Do not empty into drains. Use appropriate containment to avoid environmental contamination. Disposal should be in accordance with local, state or national regulation.

Disposal of Container

The containers and packing materials contaminated with dangerous substances or preparations, have the same treatment products.

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

N/A

Section 15: Regulatory Information**Regulations**REACH exempted as API (Active Pharmaceutical Ingredient); CLP notified with submission VV858074-96
02-2119449950-33-0000**Other**

N/A

Section 16: Other Information

Historical: First issue date : November 1st, 2010. Updating to CLP regulation. Revision n° 1: April 16, 2012, more information on Individual Protection. Modified section 8 Revision n° 2: September 2nd 2013, new registered office. Modified section 1. Revision n° 3: June 1st 2015, updating to CLP 2015 format Revision n° 4: May 5th 2016 - updating to SDS format Revision n° 5: Janu. 1st 2017, new registered office. Modified section 1 Revision n° 6: Sept. 1st 2020, modified section 1.3