



Safety Data Sheet

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

Misoprostol 1% (HPMC DISPERSION)

30-3870

Section 1: Identification

Product Name Misoprostol 1% (HPMC DISPERSION)
Commercial Name Not available.
Product Use Active Pharmaceutical Ingredient for human medical product.
Restrictions On Use Not available.
Product Code 30-3870
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: Acute toxicity 4 Reproductive toxicity Category 3
CFR 1910.1200
Signal Word WARNING
Hazard Statement(s) Harmful if swallowed. Suspected of damaging fertility. Suspected of damaging the unborn child.
Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention Do not eat, drink, and smoke during the handling with the substance. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
Response Skin contact: Possible irritant over an excessive contact Eye contact: Possible irritant and harmful over an excessive contact
Storage Not available.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture
Components Misoprostol and HPMC
% By Weight 1% and 99%
CAS# 59122-46-2/9004-65-3
Molecular Weight Not available.
Chemical Formula C22H38NO5
Synonym(s) Prost-13-en-1-oic Acid, Methyl Ester, 11,16-Dihydroxy-16-methyl-9-oxo, (11. Alpha.,13E)-, Mixt. with Cellulose 2-Hydroxypropyl Methyl Ether, (+/-)-Methyl (13E)-11,16-Dihydroxy-16-Methyl-9-oxoprost-13-enoate, Hydroxypropylmethyl Cellulose

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Misoprostol	59122-46-2	N/A	N/A	N/A
HPMC	9004-65-3	N/A	N/A	N/A

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Section 4: First-Aid Measures

Inhalation Take to the fresh air. Use respiratory apparatus or artificial respiration if necessary. Seek for medical help.

Skin Contact Flush with copious amounts of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Seek for medical help.

Eye Contact Assure adequate flushing by separating the eyelids with fingers. Flush with copious amounts of water for at least 15 minutes. Seek for medical help.

Ingestion Lavage the stomodacum with water. Drink approx. 500mL of water and try to provoke vomit. Take active charcoal. Seek for medical help.

Symptoms/Effects**Acute** Not available.**Delayed** Not available.**Immediate Medical Attention**

N/A

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

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable Extinguishing Media

N/A

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

Complete anti-chemical overall and wear respiratory apparatus.

Section 6: Accidental Release Measures

Personal precautions: Protective clothing, gloves, eye and breathing system protection (protective glasses, shield, or breathing mask) Methods for cleaning up: Avoid raising dust. Sweep up and place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete

Section 7: Handling and Storage

Handling: Use protective means recommended. Wash thoroughly after handling. Use only in a well ventilated area. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Primary packaging material: plastic bag Secondary packaging material: aluminum foil bag or paper drum Storage: This substance should be kept in tightly closed original containers at 2~8°C. Protect from moisture.

Section 8: Exposure Controls/Personal Protection**Exposure Limits** Not available.

Engineering Controls This product should be handled with personal protective equipment. Avoid inhalation. Avoid all contact. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Wash the skin after the finishing of the work with water and soap carefully. Prevent formation of static electricity.

Personal Protection Respiratory protection: mask with active carbon filter Hand Protection: chemical-resistant gloves Eye protection: safety goggles Skin protection: protective clothing

Section 9: Physical and Chemical Properties

Appearance	White to off white powder. solid.		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	No data.	Autoignition temperature	Not available.
Flammability	Not flammable in settled-dow	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Soluble in water		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable if kept in closed original containers under storage conditions as described in 7.2. Not stable under aqueous media of extreme pH values.
Hazardous Polymerization	Cellulose and its derivatives may react vigorously with calcium oxide, bleaching powder, perchlorates, perchloric acid, sodium chlorate, fluorine, nitric acid, sodium nitrite and sodium nitrate. Hazardous polymerization will not occur.
Conditions to Avoid	Protect from moisture .
Incompatible Materials	Not available.
Hazardous Decomposition Products	No dangerous decomposition material will form if handled as instructed

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity

Not available.

Skin Corrosion/Irritation

May cause skin irritation.

Serious Eye Damage/Irritation

May cause eye irritation.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

May be harmful by inhalation, ingestion, or skin absorption.

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Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Do not let out into water an ecosystem without previous treatment using suitable biological waste water treatment plant. The product can be dissolved in water for incineration in a suitable incineration plant. Waste disposal by specialized firm is recommended.

Section 13: Disposal Considerations**Waste Disposal**

The product can be dissolved in water for incineration in a suitable incineration plant. Waste disposal by specialized firm is recommended.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

Not available.

Other

No data available.

Section 16: Other Information

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any guarantee with regard to the product's properties. NOTE: HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.