

**Safety Data Sheet**

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

Section 1: Identification

Product Name Fluocinolone Acetonide USP Anhydrous Micronized
Commercial Name Not available
Product Use Not available
Restrictions On Use Not available

Product Code 55-1057

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: Reproductive toxicity, category 2 Reproductive toxicity, effects on or via lactation Specific target organ
CFR 1910.1200 toxicity - repeated exposure, category 2

Signal Word WARNING

Hazard Statement(s) Suspected of damaging the unborn child. May cause harm to breast-fed children. May cause damage to organs through prolonged or repeated exposure.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P201 Obtain special instructions before use. P260 Do not breathe dust P263 Avoid contact during pregnancy/while nursing. P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage Not available

Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Fluocinolone Acetonide USP Anhydrous Micronized
% By Weight 100
CAS# 67-73-2
Molecular Weight 452.5 g/mole
Chemical Formula C24-H30-F2-O6
Synonym(s) 6alpha,9alpha-Difluoro-11beta,21-dihydroxy-16alpha,17alpha-isopropyl

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
1) fluocinolone acetonide	67-73-2	100	Not Available.	ORAL (LD50): Acute: 4001 mg/kg [Rat]. 4001 mg/kg [Mouse].

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Section 4: First-Aid Measures

Inhalation	Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.
Skin Contact	Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.
Eye Contact	Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice
Ingestion	Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

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

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

Firefighters Special Equipment and Precautions

GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. **SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS** Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: If there are no contraindications, spray powder with water to prevent the formation of dust. Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures. Environmental precautions: The product must not penetrate into the sewer system or come into contact with surface water or ground water. Methods and material for containment and cleaning up: Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

Section 7: Handling and Storage

Precautions for safe handling: Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Conditions for safe storage, including any incompatibilities: Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details. Store at room temperature. Packed in double polythene bag under vacuum, in an aluminum bag, under vacuum.

Section 8: Exposure Controls/Personal Protection

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Exposure Limits

PDE (intravenous route) = 0.5 pg/day DEL = 24 pg/m³ 8h During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m³; PNOC inhalable fraction: 10 mg/m³). For values above these limits, use a P type filter, whose class (1,2 or 3) must be chosen according to the outcome of risk assessment.

Engineering Controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station. Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

Personal Protection

HAND PROTECTION In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374). Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions. **SKIN PROTECTION** Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing. **EYE PROTECTION** Wear airtight protective goggles (see standard EN 166). **RESPIRATORY PROTECTION** Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149). **ENVIRONMENTAL EXPOSURE CONTROLS** The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Section 9: Physical and Chemical Properties

Appearance	white or off-white crystalline powder		
Odor	Odorless.		
Odor Threshold	Not available.		
Melting Point	> 266 °C	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	3,02E-14nmHg
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	2,56	Evaporation Rate	Not available.
Flash Point	304 °C	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	insoluble in water		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	There are no particular risks of reaction with other substances in normal conditions of use.
Chemical Stability	The product is stable in normal conditions of use and storage.
Hazardous Polymerization	The powders are potentially explosive when mixed with air.
Conditions to Avoid	Avoid environmental dust build-up.
Incompatible Materials	Not available
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS	TU3830000
Acute Toxicity	
FLUOCINOLONE ACETONIDE LD50 (Oral):	> 4 g/kg Rat
Skin Corrosion/Irritation	
Not available.	
Serious Eye Damage/Irritation	
Not available.	
Respiratory or Skin Sensitization	
Not available.	
Germ Cell Mutagenicity	
Not available.	
Carcinogenicity	
Not available.	
Reproductive Toxicity	
Suspected of damaging the unborn child	
Routes of Entry	
Not available.	

Symptoms Related to Exposure

Repeated: May cause damage to organs

Potential Health Effects

Not available

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

NOT rapidly degradable

Bioaccumulative Potential

FLUOCINOLONE ACETONIDE Partition coefficient: n-octanol/water BCF 2,48 Log Kow 20 (QSAR)

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Disposal of Container

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Section 16: Other Information

Not available.