

Section 1: Identification

Product Name CAPSAICIN USP
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.

Product Code 50-1807

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, Oral : Category 3 Acute toxicity, Dermal : Category 3 Skin irritation : Category 2 Eye irritation
CFR 1910.1200 : Category 2

Signal Word DANGER

Hazard Statement(s) Toxic if swallowed. Toxic in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P313 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.
Storage	Not available.
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Capsaicin
% By Weight 100
CAS# 404-86-4
Molecular Weight 305.41 g/mole
Chemical Formula C18H27NO3
Synonym(s) (E)-8-Methyl-N-vanillyl-6-nonenamide; trans-8-Methyl-N-vanillyl-6-nonenamide; 6-Nonenamide,8-methyl-N-vanillyl-,(E)- (8CI); E-Capsaicin; Capsaicin, natural Capsaicine; trans-N-((4-Hydroxy-3-methoxyphenyl)methyl)-8-methyl-6-nonenamide

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Capsaicin USP, Natural	404-86-4	100	Not available.	ORAL (LD50):Acute: 190mg/kg [Mouse].DERMAL (LD50):Acute: 512mg/kg Acute: 47.2 mg/kg [Mouse (CAS no. 404-86-4)].

Section 4: First-Aid Measures

Inhalation	Immediately remove victim to fresh air. Give artificial respiration if not breathing. Get medical attention.
Skin Contact	Wash skin with soap and plenty of water. Get medical attention.
Eye Contact	Rinse eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion	Rinse mouth with water. Get medical attention.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Regular dry chemical, carbon dioxide, water, regular foam
Unsuitable Extinguishing Media	Not available.
Products of Combustion	oxides of carbon, oxides of nitrogen
Firefighters Special Equipment and Precautions	Firefighters should wear proper protective equipment and self-breathing for fire-fighters apparatus.

Section 6: Accidental Release Measures

Personal precautions : Wear proper protective equipment. Avoid inhalation and direct contact with spilled material. Environmental precautions : Avoid release into sewer or river. Methods and materials for containment and clean up: Carefully sweep up and remove without creating dust. Collect spilled material in appropriate container for disposal.

Section 7: Handling and Storage

Precautions for safe handling : Avoid contact with skin and eyes. Use methods to minimize dust. Use a local exhaust if dust will be generated. Conditions for safe storage : Preserve in a tight container

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available
Personal Protection	Respiratory protection : Wear full face respirator. Hand protection : Wear rubber gloves. Eye protection : Wear chemical safety goggles (gas tight). Skin protection : Wear protective suit and cover skin.

Section 9: Physical and Chemical Properties

Appearance	White to off white crystal		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	57-66 C	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
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	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Water solubility :Practically insoluble		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable at normal temperatures and pressure.
Hazardous Polymerization	Not available
Conditions to Avoid	Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.
Incompatible Materials	Oxidizing materials
Hazardous Decomposition Products	Combustion : oxides of carbon, oxides of nitrogen

Section 11: Toxicological Information

RTECS	Not available
Acute Toxicity	LD50 161.2 mg/kg (oral, rat-male) LD50 148.1 mg/kg (oral, rat-female) LD50 47.2 mg/kg (oral, mouse) LD50 >512 mg/kg (dermal, mouse)
Skin Corrosion/Irritation	Skin human 1%/30M Mild
Serious Eye Damage/Irritation	Eye guinea pig 0.09 mg/8D-I
Respiratory or Skin Sensitization	Not available.
Germ Cell Mutagenicity	Not available.
Carcinogenicity	Not available.
Reproductive Toxicity	Not available.
Routes of Entry	Not available

Symptoms Related to Exposure

Not available.

Potential Health Effects

May be harmful if inhaled. Cause irritation of the respiratory tract. Toxic if swallowed. Toxic if contact with skin. Causes skin irritation. Causes serious eye irritation.

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

Not available.

Section 13: Disposal Considerations**Waste Disposal**

This material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Follow all regulations in your country.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

UN Number: 2811 Class: 6.1 Packing group: II Proper shipping name: Toxic solid, organic, n.o.s.

Section 15: Regulatory Information**Regulations**

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

Other

Not available

Section 16: Other Information

The information herein is given in good faith, but no warranty, express or implied, is made. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist.