

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Identifier

Product Name: Capsaicin Patch

CAS#: Mixture

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label Drug Facts in accordance with the applicable government regulation.

Other means of identification

Synonyms N-[(4-hydroxy-3-methoxyphenyl)methyl]-6E-8-methyl-nonenamide:

Recommended use of the chemical and restrictions on use

Recommended Use Pain Relief - For External Use Only.

Details of the supplier of the safety data sheet

Distributed by: Veridian Healthcare LLC
1175 Lakeside Drive
Gurnee, Illinois
60031
USA

Manufactured by: Foshan Aqua Gel Biotech Co., Ltd.
Jili Industria Park
Qiaole Road
Nanzhuang Twon
Chancheng District
Foshan CHINA

Emergency telephone Number 866-326-1313 (Monday – Friday 8:00 am – 5:00 pm CST)
Poison Control: 800-949-7866 (24 hours)

Section 2: Hazard(s) Identification

Emergency overview:

OSHA/HCS STATUS:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance:

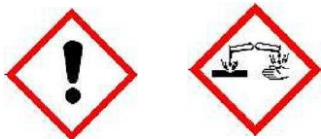
Substance

Acute Toxicity: Oral, Category 4

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 1

GHS label element for substance



GHS Signal Word:

Danger

GHS Hazard Phrases:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

GHS Precaution Phrases:

P264: Wash {hands} thoroughly after handling.

P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

P362+364: Take off contaminated clothing and wash it before reuse.

GHS Response Phrases:

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P332+313: If skin irritation occurs, get medical advice/attention.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a {POISON CENTER/doctor/...}.

GHS Storage and Disposal Phrases:

Please refer to Section 7 for Storage and Section 13 for Disposal information.

Adverse Human Health

Causes serious eye damage.

Effects and Symptoms:

Causes skin irritation.

Harmful if swallowed.

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation or skin absorption.

May cause respiratory system irritation.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture

CAS NUMBER

Ingredients	Percentage	CAS Number
<i>Active Ingredients</i>		
Capsaicin	0.02%	404-86-4
<i>Inactive Ingredients</i>		
Hydrogenated poly	0.08%	69430-35-9
Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	36.5%	6683-19-8
Petroleum	30.9%	64742-52-5
Styrene/Isoprene Copolymer	32.5%	25038-32-8

Section 4: First Aid Measures

Description of First Aid Measures:

Eye Contact:	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical professional.
Inhalation:	Remove victim to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
Skin Contact:	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
Ingestion:	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.

Section 5: Fire-Fighting Measures

Extinguishing media

Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing Media
Flammable Properties and Hazards

A solid water stream may be inefficient.

Flash Point

No data available.

Explosive Limits

No specific data.

Autoignition Point

LEL: No data EL: No data

Fire Fighting Instructions

No data

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or

equivalent), and full protective gear to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Avoid raising and breathing dust, and provide adequate ventilation.
Environmental precautions	Take steps to avoid release into the environment, if safe to do so.
Methods and material for containment and cleanup	Contain spill and collect, as appropriate. Transfer to a chemical waster container for disposal in accordance with local regulations.

Section 7: Handling and Storage

Precautions for safe handling	Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid prolonged or repeated exposure.
Conditions for safe storage	Keep container tightly closed. Store in accordance with information listed on the product insert.
Incompatible Products	None know based on information supplied.

Section 8: Exposure Controls/Personal Protection

<u>Exposure Parameters</u>	
<u>Exposure Controls</u>	None
<u>Appropriate engineering controls</u>	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne (Ventilation, etc.)
<u>Individual protection measures, such as personal protective equipment</u>	
Eye/face protection	Safety Glasses
Skin and body protection	Compatible chemical-resistant gloves, Lab Coat
Respiratory protection	NIOSH approved respirator, as conditions warrant
Hygiene Measures	Do not take internally. Facilities storing or utilizing this material should be equipped with eyewash and a safety shower. Wash thoroughly after handling. No data available.

Section 9: Physical and Chemical Properties

<u>Physical and Chemical Properties</u>	
Physical state	Solid Appearance
Appearance	Crystalline solid pH.
Color	
Odor	No Data
Odor threshold	No Data

PH	No Data
Melting point	No Data
Boiling point	No Data
Flash point	No Data
Evaporation Rate	No Data
Flammability (solid,gas)	No Data
Lower and upper explosive	No Data
Vapour density	No Data
Relative density	No Data
Solubility	No Data
Solubility in water	No Data
Partition coefficient: noctanol/water	No Data
Auto-ignition temperature	No Data
Decomposition temperature	No Data
Viscosity	No Data

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable
Stability Note	Stable if stored in accordance with information listed on the product insert. Polymerization will not occur.
Possibility of Hazardous Reactions	No hazard reactions will occur under normal storage and conditions of use.
Conditions to avoid	
Incompatible materials.	No
Hazardous	Carbon dioxide
Decomposition or by products	Carbon monoxide, nitrogen oxides

Section 11: Toxicological Information

Information on Toxicological Effects: The toxicological effects of this product have not been thoroughly studied. Capsaicin-Toxicity Date: Intraperitoneal LD50 (rat): 9500 ug/kg; Intraperitoneal LD50 (mouse); 6500 ug/kg; Subcutaneous LD50 (mouse) 9000 ug/kg; Oral LD50(mouse); 47200 ug/kg/ Oral TDLO (rat); 5 mg/kg/ Subcutaneous TDLO (rat); 1222 ng/kg;

Chronic Toxicological Effects Capsaicin – Investigated as a drug, mutagen, natural product, primary irritant, and tumorigenic. Only select Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information. Capsaicin RTECS Number: RA8530000.

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
404-86-4	Capsaicin	N/A	N/A	N/A	N/A

Section 12: Ecological Information (non-mandatory)

Toxicity – Conclusion/Summary
 Persistence and degradability –
 Conclusion/Summary
 Mobility in soil

- Soil/water partition coefficient
- Other adverse effects

Avoid release into the environment.
 No Data Available

- Runoff from fire control or dilution water may cause pollution.
- No known significant effects or critical hazards

Section 13: Disposal Considerations (non-mandatory)

Disposal methods

Dispose in accordance with local, state, and federal regulations..

Section 14: Transport Information (non-mandatory)

D.O.T. – No dangerous goods
 Reportable Quantity – Not Applicable
 Freight Classification – Not dangerous goods

Special Transportation Notes – Transport in accordance with local, state, and federal regulations.

Section 15: Regulatory Information (non-mandatory)

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS#	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
404-86-4	Capsaicin	No	No	No

CAS#	Hazardous Components (Chemical Name)	Other US EPA or State Lists
404-86-4	Capsaicin	CAA HAP ODC: No; CWA NPDES: No; TSCA: Yes-Inventor, CA Prop 65: No

Section 16: Other Information

No data available.