



MATERIAL SAFETY DATA SHEET

SECTION 1. Chemical Product and Company Identification Dihydrocapsaicin

Product Code: 92355 , **Reference #:** 19408-84-5

Product Name: Dihydrocapsaicin

CAS Number: 19408-84-5 , **RTECS Number:** RA5998000

Chemical Family: Lipid Neurotransmitters

Synonyms

N-[(4-hydroxy-3-methoxyphenyl)methyl]-8-methyl-nonanamide

Manufacturer Name and Address:

Cayman Chemical Company
1180 E. Ellsworth Rd.

Cayman Chemical Company

Ann Arbor, MI. 48108

Telephone Numbers:

(800)364-9897

(734)971-3335

Dates:

Date Entered: 04/30/2004

Revision: 04/30/2004

Printed: 04/30/2004

SECTION 2. Composition/Information on Ingredients Dihydrocapsaicin

Hazardous Components (Specific Chemical Identity/Common Name)

Name: Dihydrocapsaicin

CAS #: 19408-84-5

OSHA PEL: No data.

Percentage: 100.0 %

ACGIH TLV: No data.

SECTION 3. Hazards Identification Dihydrocapsaicin

Emergency Overview

No data available.

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other: Injection

Potential Health Effects (Acute and Chronic)

Erythema and burning sensation without blistering skin.

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

May cause eye, skin, or respiratory system irritation.

May cause gastrointestinal disturbances.

The toxicological properties of this compound have not been fully evaluated.

Toxic; may be fatal if inhaled, ingested or absorbed through skin.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No

Carcinogenicity/Other Information

No data available.

Signs and Symptoms Of Exposure

Damage to liver.

Irritating to the skin, eyes, nose, throat, and respiratory tract.

SECTION 4. First Aid Measures Dihydrocapsaicin

Emergency and First Aid Procedures

If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

If swallowed, 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.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Note to Physician

No data available.

Medical Conditions Generally Aggravated By Exposure

No data available.

**SECTION 5. Fire Fighting Measures
Dihydrocapsaicin**

Flash Pt: No data. **Method Used:** No data.

Explosive Limits: LEL: No data. UEL: No data.

Extinguishing Media

Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards

Emits toxic fumes under fire conditions.

Hazardous Combustion Products

carbon dioxide

carbon monoxide

nitrogen oxides

**SECTION 6. Accidental Release Measures
Dihydrocapsaicin****Steps To Be Taken In Case Material Is Released Or Spilled**

Vacuum or sweep up material and place in disposal container.

Avoid raising dust.

After removal, ventilate contaminated area and flush thoroughly with water.

**SECTION 7. Handling and Storage
Dihydrocapsaicin****Hazard Label Information:**

Avoid contact with skin and eyes. Do not reuse this container.

Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Handling

Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure.

Do not reuse this container.

Use with adequate ventilation.

Wash thoroughly after handling.

Precautions To Be Taken in Storing

Store at correct temperature.

Other Precautions

No data available.

Work/Hygienic/Maintenance Practices

Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

SECTION 11. Toxicological Information
Dihydrocapsaicin

The toxicological effects of this compound have not been thoroughly studied.

Chronic Toxicological Effects

No data available.

SECTION 12. Ecological Information
Dihydrocapsaicin

Runoff from fire control or dilution water may cause pollution.

SECTION 13. Disposal Considerations
Dihydrocapsaicin**Waste Disposal Method**

Dispose in accordance with local, state and federal regulations.

SECTION 14. Transport Information
Dihydrocapsaicin**DOT Proper Shipping Name**

Toxic solids, organic, n.o.s.

DOT Hazard Class: 6.1

DOT Hazard Label: Toxic substances

UN/NA Number: 2811

Additional Transport Information

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

SECTION 15. Regulatory Information
Dihydrocapsaicin

Regulatory information on this product is not available.

SECTION 16. Other Information
Dihydrocapsaicin

For research use only, not for human or veterinary clinical use.

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