



Section 1. Product and Company Identification

Product Name Aspartame
CAS Number 22839-47-0

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

Emergency Overview

OSHA Hazards: No known OSHA hazards

HMIS Classification

Health Hazard: 0

Flammability: 0

Physical Hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Section 3. Composition / Information on Ingredients

Common Name Aspartame
Synonym(s) Asp-Phe methyl ester, Asp-Phe-OMe
Formula $C_{14}H_{18}N_2O_5$
CAS Number 22839-47-0



Section 4. First Aid Measures

If Inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration

In Case of Skin Contact: Wash off with soap and plenty of water.

In Case of Eye Contact: Flush eyes with water as a precaution.

If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5. Firefighting Measures

Flammable Properties

Flash Point: No data available

Ignition Temperature: No data available

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Fire-Fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6. Accidental Release Measures

Personal Precautions: Avoid dust formation.

Environmental Precautions: Do not let product enter drains.

Methods for Cleaning Up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: 2 - 8°C

Section 8. Exposure Controls / Personal Protection

Contains no substances with occupational exposure limit values.

Personal Protective Equipment

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: For prolonged or repeated contact use protective gloves.

Eye Protection: Safety glasses

Hygiene Measures: General industrial hygiene practice.



Section 9. Physical and Chemical Properties

Appearance

Form: solid

Safety Data

pH: No data available

Melting Point: 248 - 250°C (478 - 482°F)

Boiling Point: No data available

Flash Point: No data available

Ignition Temperature: No data available

Lower Explosion Limit: No data available

Upper Explosion Limit: No data available

Water Solubility: No data available

Section 10. Stability and Reactivity

Storage Stability: Stable under recommended storage conditions.

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x)

Section 11. Toxicological Information

Acute Toxicity

LD50 Oral - rat - > 10,000 mg/kg

Irritation and Corrosion: no data available

Sensitization: no data available

Chronic Exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity - Rat - Oral

Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4).

Effects on Newborn: Behavioral.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Additional Information: RTECS: WM3407000

Section 12. Ecological Information

Elimination Information (Persistence and Degradability): No data available

Ecotoxicity Effects: No data available

Further Information on Ecology: No data available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15. Regulatory Information

OSHA Hazards: No known OSHA hazards

DSL Status: All components of this product are on the Canadian DSL list.

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: No SARA Hazards

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right to Know Components: Aspartame, CAS-No. 22839-47-0

New Jersey Right To Know Components: Aspartame, CAS-No. 22839-47-0

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/18/2015

