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SECTION 1: IDENTIFICATION

Effective Date: May 1996
Product Name: Aspartame
Common Name: L-aspartyl-L-phenylalanine, ethyl ester; 3-amino-N-(alpha-carboxyphenetyl)succinic acid N-methyl ester, stereoisomer; aspartylphenylalanine methylester; methylaspartylphenylalanate; 1-methyl N-L-alpha-aspartyl-L-phenylalanine; L-phenylalanine, N-L-alpha-aspartyl-L-methyl ester (9C1)
Chemical Formula: C₁₄H₁₈N₂O₅
CAS No.: 22839-47-0

SECTION 2: HAZARDOUS INGREDIENTS:

Acute effects: May be harmful by inhalation, ingestion or skin absorption. May cause eye irritation. May cause skin irritation. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor: white powder, odorless
Melting Point: 248-250°C

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point: n/a
Flammable limit: n/a
Extinguishing Media: water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam
Fire Fighting Procedures: wear self-container breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards: emits toxic fumes under fire conditions

SECTION 5: REACTIVITY DATA

Incompatibilities:

strong oxidizing agents

Hazardous Decomposition or byproducts:

nitrogen

toxic fumes of carbon monoxide, carbon dioxide, oxide

SECTION 6: HEALTH HAZARD DATA

Target Organ Data:

skin and appendages (after systemic exposure: dermatitis, allergic

Warning:

To people with phenylketonuria, the material can release phenylalanine

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spill:

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Disposal:

local

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all state, federal, and laws.

SECTION 8: FIRST AID PROCEDURES**First Aid:**

Eyes:	immediately flush eyes with copious amounts of water for at least 15 minutes
Skin:	immediately wash skin with soap and copious amounts of water
Inhalation:	remove to fresh air. If not breathing give artificial respiration. If breathing difficult, give oxygen.
Ingestion:	Wash out mouth with water provided person is conscious

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions:	Keep tightly closed and store in a cool dry place. Avoid inhalation or contact with eyes, skin and clothing. Avoid prolonged or repeats exposure. Wash thoroughly after handling. Possible sensitizer
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SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation:	mechanical exhaust
Eye Protection:	chemical safety goggles
Protective Gloves:	compatible chemical resistant gloves
Respiratory Protection:	NIOSH/MSHA approved respirator
Other Protective Gear:	safety shower and eye bath

SECTION 11: TRANSPORT INFORMATION

DOT classification:	n/a
DOT pictograms:	