



Quality ingredients for the
food and pharmaceutical industries

MATERIAL SAFETY DATA SHEET

PRODUCER:

ZHEJIANG JISHAN ENTERPRISE GROUP CORPORATION

1. PRODUCT IDENTIFICATION

PRODUCT NAME

ASPARTAME

CHEMICAL NAME

L-ASPARTYL-L-PHENYLALANINE METHYL ESTER

FORMULA

C₁₄H₁₈N₂O₅

MOLECULAR WEIGHT

294.30

CAS NUMBER

22839-47-0

PHYSICAL STATE

WHITE POWDER OR GRANULAR ORDORLESS, INTENSELY SWEET TASTE.
ITS 200 TIMES SWEETER THAN SUGAR. FREELY SOLUBLE IN WATER.
STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

2. HAZARD IDENTIFICATION

IT IS HARMFUL IF INGESTED. DUST WILL CAUSE IRRITATION OF THE EYES AND
SKIN AND THE RESPIRATORY TRACT.

3. FIRST AID MEASURES

INHALATION

MAY PRODUCE IRRITATION IF INHALED IN EXCESSIVE AMOUNTS. REMOVE FROM EXPOSURE TO FRESH AIR IMMEDIATELY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

SKIN

EXCESSIVE CONTACT WITH SKIN MAY CAUSE IRRITATION. WASH WITH SOAP AND FLUSH WITH AMOUNTS OF WATER AT LEAST 15 MINUTES. SEEK MEDICAL AID IF IRRITATION PERSISTS.

EYES

EXCESSIVE CONTACT WITH EYES WILL CAUSE IRRITATION. FLUSH OUT WITH CLEAN WATER FOR 15 MINUTES. SEEK MEDICAL AID IF IRRITATION PERSISTS.

4. MEASURES IN CASE OF FIRES AND ACCIDENTS

FIRE FIGHTING MEASURES

IF INVOLVED IN A FIRE EXTINGUISH WITH WATER SPRAY, FOAM, CO₂, DRY CHEMICALS POWDER, SAND, TOXIC FUMES MAY BE EVOLVED, SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

SPILLAGE/LEAKAGE

VACUUM OR SWEEP UP MATERIAL AND PLACE INTO A SUITABLE DISPOSAL CONTAINER.

HANDLING AND STORAGE

KEEP IN A COOL, DRY PLACE. DAMP-PROOF AND WATERPROOF. KEEP IN CONTAINERS TIGHTLY CLOSED. AVOID CREATING DUST, VAPOR, MIST OR GAS.

5. TECHNICAL PROTECTIVE MEASURES

WEAR PROTECTIVE CLOTHING, PLASTIC OR RUBBER GLOVES AND SAFETY GOGGLES.

6. TRANSPORT

TRANSPORT BY AIR, SEA, ROAD AND RAILWAY, NONHAZARDOUS