

# Do You Want To Eat And Drink Poison?

( Mmmmm, Yummie! )

## Government Documented Proof Of A Killer: GFPS

Product Number: 858900

Product Name: L-Aspartyl-L-phenylalanine methyl ester, 96%

Description / Pricing Cert. of Analysis

**MSDS**

Print Preview Bulk Quote

Ask A Scientist Valid 02/2000 - 04/2000

Aldrich Chemical Co., Inc. 1001 West St. Paul  
Milwaukee, WI 53233 USA Tel: 414-273-3850

## **MA T E R I A L SA F E T Y DA T A SH E E T**

### SECTION 1. ----- CHEMICAL IDENTIFICATION -----

CATALOG #: 858900

NAME: L-ASPARTYL-L-PHENYLALANINE METHYL ESTER, 96%

### SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS #: 22839-47-0, MF: C14H18N2O5, EC NO: 245-261-3

#### **SYNONYMS:**

**3-AMINO-N- (ALPHA-CARBOXYPHENETHYL) SUCCINAMIC ACID N-METHYL ESTER,  
STEREISOMER \* ASPARTAME \* ASPARTYLPHENYLALANINE METHYL ESTER \* N-L-  
ALPHA-ASPARTYL-L-PHENYLALANINE 1-METHYL ESTER \* CANDEREL \* DIPEPTIDE  
SWEETENER \* EQUAL \* METHYL ASPARTYLPHENYLALANATE \* 1-METHYL N-L-ALPHA-  
ASPARTYL-L-PHENYLALANINE \* NUTRASWEET \* SUCRALOSE \*  
L-PHENYLALANINE, N-L- ALPHA- ASPARTYL \* 1-METHYL ESTER (9CI) \*  
SWEET DIPEPTIDE \* (Mmmmm, Sweet Poison.)**

### SECTION 3. ----- HAZARDS IDENTIFICATION -----

LABEL PRECAUTIONARY STATEMENTS

HARMFUL, POSSIBLE SENSITIZER.

WEAR SUITABLE PROTECTIVE CLOTHING.

**SECTION 4. - - - - - FIRST-AID MEASURES - - - - -**

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

**SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -**

EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

**SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES - - - - -**

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.

**SECTION 7. ----- HANDLING AND STORAGE-----**

**REFER TO SECTION 8.**

**SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----**

CHEMICAL SAFETY GOGGLES.

COMPATIBLE CHEMICAL-RESISTANT GLOVES.

NIOSH/MSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED.

AVOID INHALATION.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

AVOID PROLONGED OR REPEATED EXPOSURE.

WASH THOROUGHLY AFTER HANDLING.

POSSIBLE SENSITIZER.

KEEP TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE.

**Cont.**

**SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----**

APPEARANCE AND ODOR

WHITE POWDER

PHYSICAL PROPERTIES

MELTING POINT: 248 C TO 250 C

**SECTION 10. -----STABILITY AND REACTIVITY -----**

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:  
CARBON MONOXIDE, CARBON DIOXIDE  
NITROGEN OXIDES

**SECTION 11. ----- TOXICOLOGICAL INFORMATION -----**

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.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

ADDITIONAL INFORMATION

WARNING TO PERSONS WITH PHENYLKETONURIA!

THIS MATERIAL CAN RELEASE PHENYLALANINE.

RTECS #: WM3407000

SUCCINAMIC ACID, 3-AMINO-N-(ALPHA-CARBOXYPHENETHYL)-, N-METHYL ESTER,  
STEREoisomer

**TOXICITY DATA**

ORL-RAT LD50:>10 GM/KG	TOVEFN (3),37,1996
IPR-RAT LD50:>5 GM/KG	TOVEFN (3),37,1996
ORL-MUS LD50:>10 GM/KG	TOVEFN (3),37,1996
IPR-MUS LD50:>5 GM/KG	TOVEFN (3),37,1996

**TARGET ORGAN DATA**

SKIN AND APPENDAGES (AFTER SYSTEMIC EXPOSURE: DERMATITIS, ALLERGIC)

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES  
(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR

**COMPLETE INFORMATION.**

**SECTION 12. ----- ECOLOGICAL INFORMATION -----**

DATA NOT YET AVAILABLE.

**SECTION 13. ----- DISPOSAL CONSIDERATIONS -----**

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A  
CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.  
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

**SECTION 14. ----- TRANSPORT INFORMATION -----**

CONTACT ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

**SECTION 15. ----- REGULATORY INFORMATION -----**

EUROPEAN INFORMATION

HARMFUL, S 36

WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK, EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

NIOSH ANALYTICAL METHOD, 1994: ASPARTAME, 5031

NTP CARCINOGENESIS STUDIES; SELECTED, SEPTEMBER 1999

**SECTION 16. ----- OTHER INFORMATION -----**

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO  
BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SIGMA, ALDRICH,  
FLUKA SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING  
OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR  
**PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.**

COPYRIGHT 1999 SIGMA-ALDRICH CO.

LICENSE GRANTED TO MAKE UNLIMITED PAPER

COPIES FOR INTERNAL USE ONLY

**Does This Product Sound Safe To Ingest To You? No????**

**Then Stop Drinking And Eating It**

**In All Those Diet (Poison) Products!**

GFPS - Mission Possible / Maine: 207-753-0180