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M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -  
CATALOG #: P1751  
NAME: D-PHENYLALANINE  
SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -  
CAS #: 673-06-3  
MF: C9H11NO2  
EC NO: 211-603-5  
SYNONYMS  
NCI-C60195 \* D-PHENYLALANINE \* D-BETA-PHENYLALANINE \*  
SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -  
DATA NOT AVAILABLE  
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.  
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.  
SAFETY SHOWER AND EYE BATH.  
MECHANICAL EXHAUST REQUIRED.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
AVOID BREATHING DUST.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.  
WASH THOROUGHLY AFTER HANDLING.  
KEEP CONTAINER CLOSED.  
STORE IN A COOL DRY PLACE.  
SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -  
APPEARANCE AND ODOR  
WHITE CRYSTALLINE POWDER  
PHYSICAL PROPERTIES  
MELTING POINT: 273 C TO 276 C  
SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

ACIDS

BASES

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

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

~~ACUTE TOXICITY DATA: LD50 (RAT) 5452 MG/KG. IRITATION DATA: HYPERMOTILITY (D-IARRHEA) Tj ET BT /PjCourier 10 Tf 72 550 Td /Devic~~

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

MAY CAUSE EYE IRRITATION.

MAY CAUSE SKIN IRRITATION.

RTECS #: AY7533000

ALANINE, PHENYL-, D-

TOXICITY DATA

IPR-RAT LD50:5452 MG/KG

ABBIA4 64,319,1956

TARGET ORGAN DATA

GAT M INTSTIONL I(HYPERMOTLITIY D-IARRHEA) Tj ET BT /PjCourier 10 Tf 72 550 Td /Devic