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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 #:               L9033  
    NAME:                    LACTALBUMIN ENZYMATIC HYDROLYSATE  
                              EDAMIN K  
SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -  
    CAS #:NONE  
SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -  
    DATA NOT AVAILABLE  
SECTION 4. - - - - - FIRST-AID MEASURES- - - - -  
    IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
    CALL A PHYSICIAN.  
    IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,  
    CALL A PHYSICIAN.  
    IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS  
    AMOUNTS OF WATER.  
    IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER  
    FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING  
    THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.  
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- - - - -  
    SAFETY SHOWER AND EYE BATH.  
    MECHANICAL EXHAUST REQUIRED.  
    AVOID INHALATION.  
    AVOID CONTACT WITH EYES, SKIN AND CLOTHING.  
    AVOID PROLONGED OR REPEATED EXPOSURE.  
    NIOSH/MSHA-APPROVED RESPIRATOR.  
    COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
    CHEMICAL SAFETY GOGGLES.  
    KEEP TIGHTLY CLOSED.  
    STORE IN A COOL DRY PLACE.  
    WASH THOROUGHLY AFTER HANDLING.  
SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -  
    APPEARANCE AND ODOR  
    SOLID.  
SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -  
    STABILITY

STABLE.  
 INCOMPATIBILITIES  
 STRONG OXIDIZING AGENTS  
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
 NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.  
 HAZARDOUS POLYMERIZATION  
 WILL NOT OCCUR.  
 SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -  
 ACUTE EFFECTS  
 MAY CAUSE SKIN IRRITATION.  
 MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.  
 MAY CAUSE EYE IRRITATION.  
 MAY BE HARMFUL IF INHALED.  
 MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER  
 RESPIRATORY TRACT.  
 MAY BE HARMFUL IF SWALLOWED.  
 TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
 TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.  
 SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -  
 DATA NOT YET AVAILABLE.  
 SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -  
 CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF  
 THIS MATERIAL.  
 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 SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.  
 SECTION 15. - - - - - REGULATORY INFORMATION - - - - -  
 EUROPEAN INFORMATION  
 CAUTION: SUBSTANCE NOT YET FULLY TESTED.  
 SECTION 16. - - - - - OTHER INFORMATION- - - - -  
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