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MICROSCAN -- B1012-30B PEPTIDASE REAGENT -- 6550-01-273-2392

========== Product Identification ==========

Product ID:B1012-30B PEPTIDASE REAGENT
MSDS Date:02/05/1987
FSC:6550
NIIN:01-273-2392
MSDS Number: BRCCZ
=== Responsible Party ===
Company Name:MICROSCAN
Address:1584 ENTEPRISE BLVD
City:WEST SACRAMENTO
State:CA
ZIP:95691
Country:US
Info Phone Num:916-372-1900
Emergency Phone Num:800-631-7216 OR 916-372
-1900
CAGE:NO031
=== Contractor Identification ===
Company Name:MICROSCAN
Address:1584 ENTEPRISE BLVD
City:WEST SACRAMENTO
State:CA
ZIP:95691
Country:US
Phone:916-372-1900
CAGE:NO031

========== Composition/Information on Ingredients ==========

Ingred Name:4-DIMETHYLAMINOCINNAMALDEHYDE *93-1*
CAS:6203-18-5
Fraction by Wt: 0.0002%

Ingred Name:ETHYLENE GLYCOL MONOMETHYL ETHER (EGME), METHYL CELLOSOLVE,
2-METHOXY ETHANOL, METHYL OXITOL
CAS:109-86-4
RTECS #:KL5775000
Fraction by Wt

: 5%
Other REC Limits:16 PPM
OSHA PEL:25 PPM
ACGIH TLV:16 MG/CUM

Ingred Name:DIMETHYL FORMAMIDE
CAS:68-12-2
RTECS #:LQ2100000
Fraction by Wt: 2%
Other REC Limits:10 PPM
OSHA PEL:30 MG/CUM
ACGIH TLV:30 MG/CUM (SKIN)
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ACETIC ACID (GLACIAL)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 2.4%
OSHA PEL:10 PPM
ACGIH TLV:25 MG/CUM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM LAURYL SULFATE, SODIUM DODECYL SULPHATE; DUPONAL;
STEPANOL T 2
8
CAS:151-21-3
RTECS #:WT1050000
Fraction by Wt: 2.4%

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 79-88%

========== Hazards Identification ==========

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: IRRITATION,
STAIN. INHALATION/INGESTION: LUNG & DIGESTIVE TRACT IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexp

osure:INHALATION: BIRTH DEFECTS & REPRODUCTIVE PROBLEMS.
Medical Cond Aggravated by Exposure:PREGNANCY IN CASES OF CHRONIC HIGH-LEVEL EXPOSURE AS IN MANUFACTURE.

========== First Aid Measures ==========

First Aid:EYES: FLUSH W/COPIOUS VOLUMES OF WATER FOR AT LEAST 15 MINS. INGESTION: GIVE WATER TO DRINK, IF CONSCIOUS. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED. SKIN: WASH W/WATER. O BTAIN MEDICAL ATTENTION IN ALL CASES
.

========== Fire Fighting Measures ==========

Extinguishing Media:AS APPROPRIATE FOR SUPPORTING FIRE.
Fire Fighting Procedures:WEAR APPROVED SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:TOXIC AMINES OR NITROGEN OXIDES EMITTED WHEN BURNED OR HEATED.

========== Accidental Release Measures ==========

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING & EQUIPMENT. ABSORB ONTO ABSORBANT
MATERIALS LIKE VERMICULITE, SAND. NEUTRALIZE W/DILUTE AMMONIA WATER. DISPOSE OF SOLIDS, WASH SPILL AREA W/SOAP & WATER.
Neutralizing Agent:DILUTE AMMONIA WATER.

========== Handling and Storage ==========

Handling and Storage Precautions:STORE AT 2-8C/36-46F. DON'T EAT OR SMOKE IN STORAGE AREA.

========== Exposure Controls/Personal Protection ==========

Respiratory Protection:APPROVED PARTICULATE RESPIRATOR FOR MISTS FOR BULK HANDLING.
Ventila

tion:MECHANICAL.
Protective Gloves:IMPERVIOUS TO SOLVENTS.
Eye Protection:SAFETY GOGGLES
Other Protective Equipment:WORKS CLOTHES AS NEEDED TO PREVENT SKIN EXPOSURE.
Work Hygienic Practices:AVOID ALL NEEDLESS EXPOSURE.
Supplemental Safety and Health
USE HANDLING & DISPOSAL TECHNIQUES FOR BIOHAZARDS IN THE USE OF THE REAGENT W/DIAGNOSTIC PANELS.

========== Physical/Chemical Properties ==========

Boiling Pt:B.P. Text:AS WATER
Vapor Pres:AS WATER
Vapor Density:>2
Spec Gr
avity: 1
Appearance and Odor:YELLOWISH, SOUR-SMELLING LIQUID ODOR.

========== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS & CAUSTICS
Stability Condition to Avoid:EXCESSIVE HEAT
Hazardous Decomposition Products:TOXIC NITROGEN & CO, CO2. TOXIC AMINES-DMA.

========== Disposal Considerations ==========

Waste Disposal Methods:CONTRACT FOR REMOVAL TO LANDFILL W/EPA APPROVED VENDOR. ALTERNATIVELY,
MIX W/FLAMMABLE SOLVENT & BURN. FOLLOW FEDERAL, STATE & LOCAL, REGULATIONS.

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