

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 28  
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 Over

exposure: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 CA  
SES.

=====  
===== 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 ABSORB  
ANT 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.  
Vent

ilation: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

Gravity: 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.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assum

e responsibility for the suitability of this information to their particular situation.