

BRISTOL MYERS SQUIBB CO -- CEENU 10 MG/CAPSULE -- 6505-01-087-6164

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Product Identification
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Product ID:CEENU 10 MG/CAPSULE
MSDS Date:03/01/1990
FSC:6505
NIIN:01-087-6164
MSDS Number: BNTQG
=== Responsible Party ===
Company Name:BRISTOL MYERS SQUIBB CO
Address:2400 W LLYOD EXPY
City:EVANSVILLE
State:IN
ZIP:47721
Country:US
Info Phone Num:812-429-5678; 812-429-5644
Emergency Phone Num:812-429-5000
Preparer's Name:MEDICAL SERVICES
CAGE:IO660
=== Contractor Identification ===
Company Name:BRISTOL MYERS SQUIBB
Box:191
City:NEW BRUNSWICK
State:NJ
ZIP:08903
Country:US
Phone:201-519-2885
CAGE:IO660
Company Name:BRISTOL-MYERS US PHARMACEUTICAL & NUTRITIONAL GP.
Address:2400 W LLOYD EXPY
Box:City:EVANSVILLE
State:IN
ZIP:47721-0001
Country:US
Phone:812-429-5644
CAGE:29398

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Composition/Information on Ingredients
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Ingred Name:UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-; (CCNU).
LD50: (ORAL, RAT) 70 MG/KG.
CAS:13010-47-4
RTECS #:YS4900000
Fraction by Wt: 4.5%

Ingred Name:SUPP DATA: STAFF MEMBERS WHO ARE PREGNANT, ARE
BREASTFEEDING, OR WHO ARE CONCERNED W/OTHER REPROD ISSUES SHLD BE
(ING 3)
RTECS #:9999999ZZ

Ingred Name:ING 2: ENCOURAGED TO CONSULT W/THE OCCUP HLTH MD MONITORING
WORKERS' HLTH. FEDERAL LAW PROHIBITS DISPENSING (ING 4)
RTECS #:9999999ZZ

Ingrid Name:ING 3: WITHOUT PRESCRIPTION. SEE PACKAGE INSERT FOR
RECOMMENDED MEDICAL USE.
RTECS #:9999999ZZ

Ingrid Name:HYGIENE PRACT: PREPARATION AREA SHOULD BE FORBIDDEN.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:SEE INGREDIENT 1
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INGEST: CYTOTOXIC AGENT.
IMPORTANT DOSE-DEPENDENT EFFECTS INCLUDE: HEMOTOLOGIC, HEPATIC,
LUNG & KIDNEY TOXICITY. INHAL: UNKNOWN. SKIN: MAY BE ABSORBED THRU
SKIN. POSSIBLE RASH UPON CONTACT. EYE CONTACT: MAY CAUSE
CONJUNCTIVITIS. CHRONIC: POTENTIAL CARCINOGEN.
Explanation of Carcinogenicity:CCNU: GROUP 2 (NTP), GROUP 2A (IARC).
Effects of Overexposure:SEE HEALTH HAZARD.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: WASH WITH COPIOUS AMOUNTS OF WATER FOR A MINIMUM OF 15
MINUTES AND IMMEDIATELY SEEK MEDICAL ATTENTION. SKIN: WASH AFFECTED
AREA IMMEDIATELY WITH SOAP & WATER. INGEST/INHAL: SEEK PROFESSIONAL
MEDICAL ATTENTION IF APPROPRIATE.

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

Extinguishing Media:CO*2, DRY CHEMICAL.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:UNKNOWN. DOES NOT SUPPORT COMBUSTION.

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

Spill Release Procedures:PICK UP INTACT CAPSULES. IF CAPSULES ARE
CRUSHED, WIPE SOLID WITH WET ABSORBENT GAUZE OR TOWELS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EXCESSIVE HEAT (OVER 40C). STORE
AT ROOM TEMPERATURE. SEE OSHA INSTRUCTION PUB 8-1.1 FOR ADDL WORK
PRACTICE GUIDELINES FOR HANDLING THIS MATL.
Other Precautions:PRE-PLACEMENT PHYSICAL EXAM & HISTORY (NOTING ANY
RISK FACTORS) FOR EMPLOYEES W/POTNTL EXPOS TO CEENU IS RECOMMENDED.
A COMPLETE BLOOD COUNT, INCL DIFFERENTIAL, MAY BE TAKEN TO PROVIDE
A BASELINE. PER IODIC FOLLOW-UP EXAMINATIONS (SUPP DATA)

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

Respiratory Protection:RESPIRATORY PROTECTION WITH NIOSH/MSHA APPRVD
DUST RESPIRATOR, HIGH EFFICIENCY DUST FILTER OR POWERED
AIR-PURIFYING RESPIRATOR IF BSC OR SUITABLE VENTILATION IS NOT

AVAILABLE AND A NUMBER OF CAPSULES ARE TO BE OPENED.
Ventilation: BIOLOGICAL SAFETY CABINET OR LABORATORY EXHAUST HOOD IF CAPSULES ARE TO BE OPENED.

Protective Gloves: DISPOSABLE LATEX GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: PROT DISPOSABLE GOWN OF LOW PERMEABILITY FABRIC W/CLOSED FRONT, LONG SLEEVES/ELASTIC CUFFS IF CAPSULES ARE TO BE OPENED.

Work Hygienic Practices: WASH THORO BEFORE EATING/SMKG. EATING/DRINKING/SMKG/CHEWING GUM/APPLYING COSMETICS OR STORING FOOD NEAR (ING 5)

Supplemental Safety and Health

CNDTNS (STAB): AVOID EXCESSIVE HEAT (OVER 40C). OTHER PREC: SHLD BE GIVEN I/A/W INSTITUTIONAL POLICY, OVERSEEN BY MD THORO KNOWLEDGEABLE ABOUT BOTH THE TOXICITY OF THE SUBSTANCE AND THE EXTENT OF WORK PLACE EXPOSURE. A PERMANENT REGISTRY OF ALL STAFF WHO ROUTINELY PREPARE OR ADMINISTER CEENU SHLD BE CONSIDERED. (ING 2)

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

Melt/Freeze Pt: M.P/F.P Text: 194F, 90C
Solubility in Water: INSOLUBLE
Appearance and Odor: YELLOW POWDER IN CAPSULES.

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

Stability Indicator/Materials to Avoid: YES
NO KNOWN HAZARDOUS INCOMPATIBILITIES.
Stability Condition to Avoid: WHEN STORED AT ROOM TEMP IN ORIGINAL CONTR, CMPD IS STABLE TO EXPIRATION DATE INDICATED ON LABEL OF PROD. (SUPP DATA)
Hazardous Decomposition Products: UNKNOWN, BUT ASSUME A CARCINOGENIC POTENTIAL.

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

Waste Disposal Methods: TREAT PRODUCT AND CONTAMINATED MATERIALS AS HAZARDOUS WASTE. INCINERATION IS RECOMMENDED. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS .

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