

BRISTOL MYERS SQUIBB CO -- CEENU 40 MG/CAPSULE -- 6505-01-087-6163

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

Product ID:CEENU 40 MG/CAPSULE

MSDS Date:03/01/1990

FSC:6505

NIIN:01-087-6163

MSDS Number: BNMPS

=== Responsible Party ===

Company Name:BRISTOL MYERS SQUIBB CO

Address:2400 W LLOYD 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

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

Ingred Name:UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXY

L-1-NITROSO-;  
(1-(2-CHLOROETHYL)-3'-CYCLOHEXYL-1-NITROSOUREA) (CCNU) (ING 2)  
CAS:13010-47-4  
RTECS #:YS4900000  
Fraction by Wt: 12.5%

Ingred Name:ING 1:LD50:(ORAL,RAT)70 MG/KG.  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 560 MG/KG.  
Routes of Entry: Inhalation:NO 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 EFTS INCL:HEMOTOLOGIC, HEPATIC, LUNG & KIDNEY TOX.  
SKIN:TOX:MAY BE ABSORB THRU SKIN. SENSIT:POSS RASH UPON CONT.  
EYE:CONT MAY CAUSE CONJ. CHRONIC: POTNTL CARCIN. MED  
SURVEILLANCE:ROUTINEPROCS:PRE-PLACEMENT PHYSICAL EXAM & HISTORY  
(NOTING ANY RISK (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:CCNU:IARC GRP 2A, NTP GRP 2.  
Effects of Overexposure:HLTH HAZ:FACTORS)FOR EMPLOYEES W/POTNTL EXPOS  
TO CEENU IS RECOM. COMPLETE BLOOD COUNT, INCL DIFFERENTIAL, MAY BE

TAKEN TO PROVIDE BASELINE. PERIODIC FOLLOW-UP EXAMS SHLD BE GIVEN  
I/AW INSTITUTIONAL P OLICY, OVERSEEN BY MD THORO KNOWLEDGEABLE  
ABOUT BOTH TOX OF SUBSTANCE & EXTENT OF WORKPLACE EXPOS. PERM  
REGISTRY(SUPDAT)  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:WASH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES &  
THEN IMMEDIATELY SEE MD. SKIN:WASH AFFECTED AREA IMMEDIATELY  
W/SOAP  
& WATER. INGEST/INHAL:SEEK PROFESSIONAL MEDICAL ATTENTION IF  
APPROPRIA TE.

===== 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.

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

Spill Release Procedures:PICK UP INTACT CAPSULES. IF CAPSULES ARE  
CRUSHED, WIPE SOLIDS W/WET ABSO

RBENT GAUZE OR TOWELS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EXCESSIVE HEAT (>40C). STORE AT ROOM TEMPERATURE.  
Other Precautions:FEDERAL LAW PROHIBITS DISPENSING W/OUT PRESCRIPTION. SEE PACKAGE INSERT FOR RECOMMENDED MEDICAL USE. SEE OSHA INSTRUCTION PUB 8-1.1 FOR ADDNL WORK PRACTICE GUIDELINES FOR HNDLG THIS MATL.

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

Respiratory Protection:RESPIRATORY PROTECTION W/NIOSH/MSHA APPROVED DUST RESPIRATOR, HIGH EFFICIENCY DUST FILTER OR POWERED AIR-PURIFYING RESPIRATOR IF BSC OR SUITABLE VENTILATION IS NOT AVAILABLE, & NUMBER OF CAPSULES ARE TO BE OPENED.  
Ventilation:BIOLOGICAL SAFETY CABINET OR LABORATORY EXHAUST HOOD IF CAPSULES ARE TO BE OPENED.  
Protective Gloves:DISPOSABLE SURGICAL LATEX GLOVES.  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:PROT DISPOSABLE GOWN OF LOW PERMEABILITY FABRIC W/CLSD FRONT, LONG SLEEVES & ELASTIC CUFFS IF CAPSULES ARE TO BE OPENED.  
Work Hygienic Practices:WASH THORO BEFORE EATING/SMOKING. EATING, DRINKING, SMOKING, CHEWING GUM, APPLYING COSMETICS/STORING FOOD NEAR (SUPDAT)  
Supplemental Safety and Health  
EFTS OF OVEREXP:OF ALL STAFF WHO ROUTINELY PREPARE/ADMIN CEENU SHLD BE CONSIDERED. REPRO ISSUES:STAFF MEMBERS WHO ARE PREGNANT, ARE BREASTFEEDING, OR WHO ARE CONCERNED W/OTHER REPRO ISSUES SHLD BE  
ENC OURAGED TO CONSULT W/OCCUP HLTH MD MONITORING WORKER'S HLTH.  
HYGIENE PRACT:PREPARATION AREA SHLD BE FORBIDDEN.

===== 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 HAZARD INCOMPATIBILITIES.  
Stability Condition to Avoid:AVO

ID EXCESSIVE HEAT (>40C).

Hazardous Decomposition Products:UNKNOWN, BUT ASSUME CARCINOGENIC  
POTENTIAL.

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

Waste Disposal Methods:TREAT PRODUCT & CONTAMINATED MATLS AS HAZARDOUS  
WASTE. INCINERATION IS RECOMMENDED. DISPOSAL MUST BE I/A/W FEDERAL,  
STATE & LOCAL REGULATIONS .

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