

DU PONT E I DE NEMOURS AND CO INC -- BREVIBLOC -- 6505-01-304-4971

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Product Identification  
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Product ID:BREVIBLOC  
MSDS Date:01/07/1987  
FSC:6505  
NIIN:01-304-4971  
MSDS Number: BRFWG  
=== Responsible Party ===  
Company Name:DU PONT E I DE NEMOURS AND CO INC  
Address:1007 MARKET STREET  
City:WILMINGTON  
State:DE  
ZIP:19898  
Country:US  
Info Phone Num:302-992-4132  
Emergency Phone Num:800-441-7515(TRANS)800-441-3637MED  
CAGE:0BA38  
=== Contractor Identification ===  
Company Name:DU PONT E I DE NEMOURS AND CO INC CHEM  
Address:DELLE DONNE CORPORATE CTR  
City:WILMINGTON  
State:DE  
ZIP:19880-0800  
Country:US  
Phone:800-441-7515  
CAGE:0BA38  
Company Name:DU PONT MERCK PHARMACEUTICAL CO, THE  
Address:BARLEY MILL PLAZA  
Box:80026  
City:WILMINGTON  
State:DE  
ZIP:19880-0026  
Country:US  
Phone:800-441-9861  
CAGE:04490

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Composition/Information on Ingredients  
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Ingred Name:ESMOLOL HYDROCHLORIDE  
CAS:81161-17-3  
RTECS #:DA8346000  
Fraction by Wt: 1%  
Other REC Limits:NONE SPECIFIED

Ingred Name:INERT INGREDIENTS  
Fraction by Wt: 99%  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 71 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: BREVIBLOC INJECTION IS FORMULATED FOR HUMAN THERAPEUTIC USE AND CONTAINS 1% ESMOLOL HYDROCHLORIDE BY VOLUME. NORMAL HANDLING OF THIS PRODUCT IS NOT CONSIDERED HAZARDOUS. THE FOLLOWING INFORMATION IS PROVIDED FOR THOSE CIRCUMSTANCES WHERE HANDLING OF THIS PRODUCT RESULTS IN SIGNIFICANT POTENTIAL FOR EXPOSURE.

Explanation of Carcinogenicity: THE PRODUCT CONTAINS NO INGREDIENT AT 0.1% OR GREATER THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure: EXPOSURE MAY CAUSE ITCHING AND BURNING OF THE EYES. NO INFORMATION AVAILABLE CONCERNING EXPOSURE VIA SKIN CONTACT OR INHALATION. PATIENTS IN CLINICAL TRIALS HAVE EXPERIENCED HYPOTENSION. ABOUT 12% HAVE HAD DIAPHORESIS AND DIZZINESS..

Medical Condition Aggravated by Exposure: NOT GIVEN.

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

First Aid: EYE: FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. RESTORE/AID BREATHING AS NEEDED. INGESTED: IMMEDIATELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

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

Flash Point Method: CC

Flash Point: 89.6F, 32.0C

Autoignition Temp: Autoignition Temp Text: 743F

Extinguishing Media: CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: EVACUATE PERSONNEL TO A SAFE AREA. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: NO INFORMATION GIVEN ON MSDS BY MFR.

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

Spill Release Procedures: REVIEW "FIRE & EXPLOSION HAZARDS" AND "SAFETY PRECAUTIONS" BEFORE PROCEEDING WITH CLEAN UP. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN UP. NO SPECIAL PROCEDURE REQUIRED FOR SMALL CLEAN-UP.

Neutralizing Agent: NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions: STORE AT ROOM TEMPERATURE (59-86F). FREEZING DOES NOT ADVERSELY AFFECT THE PRODUCT BUT EXPOSURE TO ELEVATED TEMPERATURES SHOULD BE AVOIDED.

Other Precautions: KEEP CONTAINER IN A DARK PLACE. KEEP CONTAINER TIGHTLY CLOSED. CLOSE CONTAINER AFTER EACH USE. DO NOT CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY BE CONTAMINATED WITH THIS MATERIAL.

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

Respiratory Protection:THIS MATERIAL HAS NO ESTABLISHED EXPOSURE LIMITS. USE A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN A RESPIRATOR IS JUDGED TO BE APPROPRIATE TO PREVENT INHALATION OF VAPOR OR MIST.  
Ventilation:NO INFORMATION GIVEN ON MSDS BY MFR. HMIS: SUPPLU SUFFICIENT VENTILATION TO PRECLUDE THE USE OF RESPIRATORS.  
Protective Gloves:NEOPRENE OR TYVEK  
Eye Protection:SAFETY GLASSES & FULL FACE PROTECTION  
Other Protective Equipment:WEAR IMPERVIOUS COLOTHING MADE OF NEOPRENE OR TYVEK, SUCH AS APRON, BOOTS, JUMP SUIT AS APPROPRIATE.  
Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.  
Supplemental Safety and Health  
KEY2:KT

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

HCC:F3  
NRC/State Lic Num:NONE  
Spec Gravity:1.026  
pH:3.5-6  
Appearance and Odor:CLEAR, COLORLESS TO SLIGHTLY YELLOW SOLUTION WITH A DISTINCTIVE ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES  
NONE REASONABLY FORSEEABLE.  
Stability Condition to Avoid:STABLE AT NORMAL TEMPERATURE AND STORAGE CONDITIONSEGRADATION MAY RESULT.  
Hazardous Decomposition Products:DECOMPOSES WITH HEAT  
Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BW I/A/W FEDERAL, STATE/PROVINCIAL & LOCAL REGULATIONS.

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