

ROCHE DERMATOLOGICS DIV OF HOFFMANN-LA ROCHE INC -- FLUMAZENIL -- 6850-00F049005

==== Product Identification =====

Product ID:FLUMAZENIL  
 MSDS Date:06/01/1994  
 FSC:6850  
 NIIN:00F049005  
 MSDS Number: BZVFT  
 === Responsible Party ===  
 Company Name:ROCHE DERMATOLOGICS DIV OF HOFFMANN-LA ROCHE INC  
 Address:340 KINGSLAND STREET  
 City:NUTLEY  
 State:NJ  
 ZIP:07110-1199  
 Country:US  
 Info Phone Num:800-526-6367  
 Emergency Phone Num:201-235-6660  
 Preparer's Name:HESHAM M SOLIMAN  
 CAGE:GO581

==== Contractor Identification ===

Company Name:ROCHE DERMATOLOGICS DIV OF HOFFMANN-LA ROCHE INC  
 Address:340 KINGSLAND STREET  
 City:NUTLEY  
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==== Composition/Information on Ingredients =====

Ingred Name:FLUMAZENIL \*96-2\*  
 CAS:78755-81-4  
 RTECS #:NI2922170  
 Fraction by Wt: >98%

==== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50(RAT): 4200 MG/KG  
 Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
 Health Hazards Acute and Chronic:MAY CAUSE CENTRAL NERVOUS SYSTEM &  
 CARDIOVASCULAR EFFECTS. MATERIAL MAY AFFECT THE DEVELOPING FETUS,  
 FEMALES PLANNING TO HAVE CHILDREN & PREGNANT WOMEN, NURSING MOTHERS  
 SHOULD USE CAUTION REGARDING EX POSURE.  
 Explanation of Carcinogenicity:NONE  
 Effects of Overexposure:MATERIAL MAY AFFECT THE DEVELOPING FETUS,  
 FEMALES PLANNING TO HAVE CHILDREN, PREGNANT WOMEN & NURSING MOTHERS  
 SHOULD USE CAUTION REGARDING EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED.  
 SKIN: WASH W/SOAP & PLENTY OF WATER. EYES: FLUSH W/PLENTY OF WATER.  
 INGESTION: DON'T INDUCE VOMITING, UNLESS DIRECTED BY MEDICAL  
 PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
 OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Extinguishing Media:WATER, CO2, DRY CHEMICAL, FOAM.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE,  
SCBA & FULL PROTECTIVE TURN OUT GEAR. USE WATER TO COOL CONTAINERS.  
Unusual Fire/Explosion Hazard:SEVERE DUST EXPLOSION HAZARD. TOXIC &  
CORROSIVE EMISSIONS MAY BE GIVEN OFF IN A FIRE.

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Accidental Release Measures  
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Spill Release Procedures:SHUT OFF IGNITION SOURCES SAFELY. SCOOP/SHOVEL  
MATERIAL INTO A SUITABLE LABELED OPEN HEAD DRUM. SECURE THE DRUM  
COVER & MOVE THE CONTAINER TO A SAFE HOLDING AREA. MOP/FLUSH THE  
AREA.

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Handling and Storage  
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Handling and Storage Precautions:STORE AT 59-86F. DON'T HEAT >320F,  
GENERATE DUST/EXPOSE TO IGNITION SOURCES. GROUND & BOND TRANSFER  
EQUIPMENT. AVOID IGNITION SOURCES.  
Other Precautions:MILLING/MIXING/DRYING, PERFORM IN DEVICES EQUIPPED  
W/EXPLOSION RELIEF/SUPPRESSION SYSTEMS/UNDER INERT CONDITIONS.  
AVOID CONTACT W/EYES, SKIN & CLOTHING, BREATHING DUST. USE ADEQUATE  
VENTILATION. STORE IN COOL, DRY AREA.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NEGATIVE PRESSURE AIR PURIFYING, HALF FACE,  
TOXIC DUST/MIST/FUME HIGH EFFICIENCY FILTER.  
Ventilation:LOCAL VENTILATION. USE IN A LAB HOOD.  
Protective Gloves:LATEX, PLASTIC/RUBBER  
Eye Protection:SAFETY GLASSES/GOGGLES  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES  
BEFORE REUSE.  
Supplemental Safety and Health  
HANDLING & STORAGE CONT'D: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN  
USE.

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Physical/Chemical Properties  
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Melt/Freeze Pt:M.P/F.P Text:388-395.6F  
Appearance and Odor:WHITE TO OFF-WHITE POWDER W/NO ODOR.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:ELEVATED TEMP, WATER, DUST ACCUMULATION,  
AIRBORNE DUST, IGNITION SOURCES, TEMP >212F.  
Hazardous Decomposition Products:CO, CO2, OXIDES OF NITROGEN, HYDROGEN  
FLUORIDE.

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Disposal Considerations  
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Waste Disposal Methods:PRODUCT IS SUITABLE FOR INCINERATION. USE,  
PROCESSING, ALTERATION/CONTAMINATION MAY AFFECT DISPOSAL  
RECOMMENDATIONS. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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