

ASTRA PHARMACEUTICAL PRODUCTS, INC -- DYCLONE TOPICAL SOLUTION, USP --  
6505-00-254-7754

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Product Identification  
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Product ID:DYCLONE TOPICAL SOLUTION, USP  
MSDS Date:09/01/1987  
FSC:6505  
NIIN:00-254-7754  
MSDS Number: BHTHY  
=== Responsible Party ===  
Company Name:ASTRA PHARMACEUTICAL PRODUCTS, INC  
Address:50 OTIS STREET  
City:WESTBOROUGH  
State:MA  
ZIP:01581  
Info Phone Num:(617) 366-1100  
Emergen  
cy Phone Num:(800) 922-8584  
CAGE:04473  
=== Contractor Identification ===  
Company Name:ASTRA PHARMACEUTICAL PRODUCTS INC  
Address:50 OTIS ST  
Box:City:WESTBOROUGH  
State:MA  
ZIP:01581-3323  
Country:US  
Phone:508-366-1100/800-225-6333  
CAGE:04473

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Composition/Information on Ingredients  
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Ingred Name:DYCLONINE HYDROCHLORIDE  
CAS:586-60-7  
RTECS #:UG8672500  
Fraction by Wt: 1.0%

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Hazards Identification  
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Routes of Entry: Inhalation:YES

Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION/INHALATION: CENTRAL NERVOUS SYSTEM AND CARDIOVASCULAR SYSTEM DEPRESSANT. SKIN: MAY NUMB THE MUCOUS MEMBRANES, ALLERGIC REACTIONS, LOCAL IRRITATION TO SENSITIVE TISSUE. EYE: IRRITATION & NUMB ING OF PAIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION/INHALATION: HEADACHE, APPREHENSION, EUPHORIA, CONFUSION, DROWSINESS, BLURRED VISION, VOMITING, TREMORS, CONVULSIONS, UNCONSCIOUSNESS, RESPIRATORY DEPRESSION & ARREST.

Medical Cond Aggravated by Exposure:HYPERSENSITIVITY, TO LOCAL ANESTHETICS.

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First Aid Measures  
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First Aid:CALL PHYSICIAN. MEDICAL ATTENTION SHOULD CONCENTRATE ON MAINTENANCE OF BREATHING & CONTROLLING CONVULSIONS IF THEY OCCUR.

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Fire Fighting Measures  
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Flash Point:NOT FLAMMABLE

Fire Fighting Procedures:NONE

Unusual

Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:CLEAN UP SPILLS WITH NORMAL PROCEDURES USED FOR NON-HAZARDOUS LIQUIDS.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. AVOID EXTREMES IN TEMPERATURE. HANDLE TO AVOID BREAKAGE. AVOID CONTACT W/EYES.

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Exposure Controls/Personal Protection  
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Respiratory

Protection:NONE NORMALLY REQUIRED  
Ventilation:LOCAL EXHAUST  
Protective Gloves:NONE NORMALLY REQUIRED  
Eye Protection:NONE NORMALLY REQUIRED  
Other Protective Equipment:NONE NORMALLY REQUIRED  
Supplemental Safety and Health  
SUBSTANCE IS LOCAL ANESTHETIC AGENT.

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

Boiling Pt:B.P. Text: 100C  
Melt/Freeze Pt:M.P/F.P Text: 0C  
Vapor Pres: 17  
Vapor Density:0.6  
Spec Gravity: 1  
Evaporation Rate & Reference:(WATER = 1): 1  
Solubility in  
Water:SOLUBLE  
Appearance and Odor:CLEAR, ODORLESS

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

Stability Indicator/Materials to Avoid:YES  
NONE  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE AS A NON-HAZARDOUS WASTE.

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