

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

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

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

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

Ingred Name:DYCLONINE HYDROCHLORIDE

CAS:586-60-7

RTECS #:UG8672500

Fraction by Wt: 1.0%

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

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, VOMI  
TING, TREMORS,  
CONVULSIONS, UNCONSCIOUSNESS, RESPIRATORY DEPRESSION & ARREST.  
Medical Cond Aggravated by Exposure:HYPERSENSITIVITY, TO LOCAL  
ANESTHETICS.

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

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

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

Flash Point:NOT FLAMMABLE  
Fire Fighting Procedures:NONE  
Unus  
ual Fire/Explosion Hazard:NONE

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

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

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

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

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

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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