

STERLING WINTHROP INC SANOFI WINTHROP PHARMACEU -- ISUPREL MISTOMETER --  
6505-01-117-1996

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

Product ID:ISUPREL MISTOMETER

MSDS Date:05/11/1993

FSC:6505

NIIN:01-117-1996

MSDS Number: BWXSX

=== Responsible Party ===

Company Name:STERLING WINTHROP INC SANOFI WINTHROP PHARMACEU

Address:90 PARK AVE

City:NEW YORK

State:NY

ZIP:10016-1302

Country:US

Info Phone Num:212-907-

2000/800-223-5511

Emergency Phone Num:212-907-2000/800-223-5511

CAGE:GO573

=== Contractor Identification ===

Company Name:STERLING WINTHROP INC SANOFI WINTHROP PHARMACEU

Address:90 PARK AVE

City:NEW YORK

State:NY

ZIP:10016-1302

Country:US

Phone:212-907-2000/800-223-5511

CAGE:GO573

Company Name:WINTHROP PHARMACEUTICALS

Address:90 PARK AVE

Box:City:NEW YORK

State:NY

ZIP:10156

Country:US

Phone:212-907-2000

CAGE:63240

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

Ingred Name

:DICHLORODIFLUOROMETHANE, FREON 12

CAS:75-71-8

RTECS #:PA8200000

Fraction by Wt: 10-25%

Other REC Limits:1000 PPM

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ozone Depleting Chemical:1

Ingred Name:DICHLOROTETRAFLUOROETHANE (FREON 114)

CAS:76-14-2

RTECS #:K11101000

Fraction by Wt: >25%

Other REC Limits:1000 PPM

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ozone Depleting Chemical:1

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

Routes of Entry:

Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:INHALATION: MAY CAUSE ADVERSE CNS, GI  
& CARDIOVASCULAR SYSTEM EFFECTS. OVERDOSAGE MAY CAUSE TACHYCARDIA,  
PALPITATIONS, CARDIAC ARREST.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NERVOUSNESS, NAUSEA, VOMITING, HEADACHE,  
DIZZINESS, WEAKNESS, PAIN.

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

First Aid:EYES: FLUSH W/PLENTY  
OF WATER FOR 15 MINS. OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING. PROTECT PERSONNEL.

Unusual Fire/Explosion Hazard:PRODUCT UNITS CONTAIN INGREDIENTS UNDER  
PRESSURE & MAY EXPLODE IF INVOLVED IN A FIRE. AT TEMPS >130F,  
CONTAINERS MAY RUPTURE.

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

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Spill Release Procedures:REMOVE IGNITION SOURCES. CONTAIN BY PLACING PAPER TOWELS/A SUITABLE ABSORBENT MATERIAL AROUND EDGES & WORK INWARD. CAREFULLY SCOOP UP INTO A PROPERLY LABELED WASTE CONTAINER FOR DISPOSAL. WASH AREA WELL TO REMOVE FROM ENVIRONMENTAL SURFACES.

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

Handling and Storage Precautions:CONTENTS UNDER PRESSURE. DON'T BREAK/INCINERATE. AVOID SPRAYING IN EYES. AVOID OPEN FLAME & HIGH TEMPS.

Other Precautions:AVOID EYE CONTACT & EXCESSIVE EXPOSURE TO VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

THIS IS A PHARMACEUTICAL MATERIAL AVAILABLE ONLY W/A PRESCRIPTION. USE ONLY AS DIRECTED. ISUPREL SH  
SHOULD NOT BE USED CONCURRENTLY  
W/EPINEPHRINE/OTHER CARDIAC STIMULANTS.

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

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS SOLUTION IN PRESSURE CONTAINER

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:TEMPS >130F, OPEN FLAME, HIGH TEMPS & OTHER IGNITION SOURCES.

Hazardous Decomposition Products:FLAMMABLE COMPONENTS.

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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