

PENETONE CORP / SUB OF WEST CHEMICAL PRODUCTS INC -- PENSOLV SAFE 101 --
6850-01-383-6719

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

Product ID:PENSOLV SAFE 101

MSDS Date:03/07/2000

FSC:6850

NIIN:01-383-6719

Status Code:A

MSDS Number: CLGCW

=== Responsible Party ===

Company Name:PENETONE CORP / SUB OF WEST CHEMICAL PRODUCTS INC

Address:74 HUDSON AVE

City:TENAFLY

State:NJ

ZIP:07670

Country:US

Info Phone N

um:201-567-3000

Emergency Phone Num:800-424-9300

Resp. Party Other MSDS Num.:PSS101-003E

Preparer's Name:PENETONE LAB - NJ

Chemtrec Ind/Phone:(800)424-9300

CAGE:56883

=== Contractor Identification ===

Company Name:PENETONE CORP

Address:74 HUDSON AVE

Box:City:TENAFLY

State:NJ

ZIP:07670

Country:US

Phone:201-567-3000

Contract Num:SP0450-01-M-ZE09

CAGE:56883

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

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE

CAS:1717-00-6

RTECS #:KI0997000

Other REC Limits:500 PPM 8 HR TWA
Ozone Depleting Chemical:2

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
OSHA PEL:10000 PPM
ACGIH TLV:5000 PPM
ACGIH STEL:54000 MG/M3

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER
Health Hazards Acute and Chronic:EYE: SLIGHTLY IRRITATING BUT DOES NOT INJURE EYE TISSUE. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING. SKIN: FREQUENT OR PROLONGED CONTACT MAY IRRITATE OR DRY SKIN OR CAUSE DERMATITIS. CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS. INHALATION: HIGH VAPOR/AEROSOL CONCENTRATIONS GREATER THAN THE TLV ARE IRRITATING TO THE RESPIRATORY TRACT & MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: SMALL AMOUNTS OF THIS LIQUID MAY BE DRAWN INTO THE LUNGS BY EITHER SWELLING OR VOMITING. THIS MAY CAUSE SEVERE AND DELAYED EFFECTS SUCH AS INFLAMMATION OF THE LUNGS & INFECTION OF BRONCHII. MAY CAUSE IRRITATION OF DIGESTIVE TRACT & DIARRHEA.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS RECOGNIZED BY THE STATE OF CALIFORNIA TO CAUSE CANCER
Effects of Overexposure:EYE: SLIGHTLY IRRITATING BUT DOES NOT INJURE EYE TISSUE. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING. SKIN: FREQUENT OR PROLONGED CONTACT MAY IRRITATE OR DRY SKIN OR CAUSE DERMATITIS. CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS. INHALATION: HIGH VAPOR/AEROSOL CONCENTRATIONS GREATER THAN THE TLV ARE IRRITATING TO THE RESPIRATORY TRACT & MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: SMALL AMOUNTS OF THIS LIQUID MAY BE DRAWN INTO THE LUNGS BY EITHER SWELLING OR VOMITING. THIS MAY CAUSE SEVERE AND DELAYED EFFECTS SUCH AS INFLAMMATION OF THE LUNGS & INFECTION OF BRONCHII. MAY CAUSE IRRITATION OF DIGESTIVE TRACT & DIARRHEA.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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

First Aid:E

YE: FLUSH EYES WITH LARGE AMOUNTS OF WATER. SEE PHYSICIAN IMMEDIATELY. SKIN: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. USE SOAP IF AVAILABLE. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE IF SK IN IRRITATION DEVELOPS OR PERSISTS CONSULT PHYSICIAN. INHALATION: REMOVE PERSON TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. CALL PHYSICIAN IMMEDIATELY. INGESTION: IF SWALLOWED , DO NOT INDUCE VOMITING. USE A STOMACH PUMP. CALL PHYSICIAN IMMEDIATEL

Y. PHYSICIAN: NEVER ADMINISTER ADRENALINE FOLLOWING OVEREXPOSURE. INCREASED SENSITIVITY OF THE HEART TO ADRENALINE MAY BE CAUSED

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

Flash Point Method:TCC
Flash Point:NONE-TO-BOIL
Autoignition Temp:Autoignition Temp Text:N/DET
Extinguishing Media:WATER, FOAM, DRY CHEMICAL
Fire Fighting Procedures:EITHER ALLOW FIRE TO BURN OUT UNDER CONTROLLED CONDITIONS OR EXTINGUISH WITH WATER, FOAM OR DRY CHEMICAL. COOL EXPOSED CONTAINERS WITH WATER SPRAY. USE SELF-CONTAINED RESPIRATORY PROTECTION.
Unusual Fire/Explosion Hazard:AEROSOL CANS ARE UNDER PRESSURE. CONTAINERS CAN RUPTURE AND EXPLODE UNDER FIRE CONDITIONS DUE TO PRESSURE AND VAPOR BUILD UP.

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

Spill Release Procedures:SMALL LAND SPILLS: USE ABSORBENT MATERIAL SUCH AS TOWELS OR SOLVENT POWDERS. PUT ALL MATERIAL INTO PROPER WASTE DISPOSAL CONTAINER WITH LID TIGHTLY COVERED.
FOR LARGER SPILLS,
DIKE SPILL, RECOVER FREE LIQUID AND USE ABSORBENT MATERIAL TO DRY AREA. PUT ALL MATERIAL INTO APPROPRIATE WASTE CONTAINERS. WATER: THIS PRODUCT IS HEAVIER THAN WATER AND WILL SINK. RECOVERY MAY BE DIFFICULT.
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:STORAGE TEMPERATURE, F: AMBIENT. DO NOT STORE ABOVE 120F. GENERAL: KEEP AWAY FROM HEAT SOURCES,

OPEN

FLAMES, SPARKS, AND DIRECT SUNSHINE. PROLONGED EXPOSURE TO DIRECT SUNSHINE OR STORAGE ABOVE 120F MAY CAUSE CANS TO BURST. DO NOT PUNCTURE/INCINERATE CAN. DON'T STORE NEAR STRONG OXIDANTS OR ALKALIES

Other Precautions:AEROSOL CANS ARE UNDER PRESSURE. CONTAINERS CAN RUPTURE AND EXPLODE UNDER FIRE CONDITIONS DUE TO PRESSURE AND VAPOR BUILDUP.

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

Respiratory Protection:NO DATA PROVIDED BY MANUFACTURER

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ntilation:NONE NEEDED UNDER NORMAL USE CONDITIONS. FOR ENCLOSED AREAS OR WHERE LARGE AMOUNTS OF PRODUCT ARE USED, USE FANS/MECHANICAL VENTILATION

Protective Gloves:SOLVENT RESISTANT GLOVES PVA OR NEOPRENE ARE RECOMMENDED

Eye Protection:SAFETY GLASSES ARE RECOMMENDED

Other Protective Equipment:NO DATA PROVIDED BY MANUFACTURER

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE.

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER

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

HCC:V2

Boiling Pt:=32.2C, 90.F

Vapor Pres:>10MMHG @20C

Vapor Density:>2.9

Volatile Org Content %:100

Spec Gravity:1.2@75F

Evaporation Rate & Reference:~1 (ACETONE=1)

Solubility in Water: