

PENETONE CORP -- INHIBISOL -- 6810-00-930-6311

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Product Identification
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Product ID:INHIBISOL
MSDS Date:02/07/1990
FSC:6810
NIIN:00-930-6311
MSDS Number: BLPGC
=== Responsible Party ===
Company Name:PENETONE CORP
Address:74 HUDSON AVENUE
City:TENAFLY
State:NJ
ZIP:07670-1017
Country:US
Info Phone Num:201-567-3000
Emergency Phone Num:201-567-3000 FAX: 201-569-5340
CAGE:56881
=== Contracto
r Identification ===
Company Name:PENETONE CORP
Address:74 HUDSON
City:TENAFLY
State:NJ
ZIP:07670-1017
Country:US
Phone:201-567-3000
CAGE:56881
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Country:US
Phone:201-567-3000
CAGE:56883

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Composition/Information on Ingredients
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS:71-55-6
RTECS #:KJ2975000
Other REC Limits:NONE SPECIFIED
OSHA PEL:350 PPM/450 STEL
ACGIH

TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingrid Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)
CAS:123-91-1
RTECS #:JG8225000
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 100 PPM
ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:ORAL-RAT LD50=10,300 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:
NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATING TO SKIN AND EYES. EXCESSIVE
INHALATION OR INGESTION MAY PRODUCE CNS DEPRESSION. MAY CAUSE
VENTRICULAR FIBRILLATION. ASPIRATION INTO LUNGS MAY LEAD TO
CHEMICAL PNEUMONIA. HIGH DOSES HAVE PRODUCED MILD LIVER EFFECTS IN
ANIMALS.
Effects of Overexposure:IRRITATION AND REDNESS TO SKIN AND EYES.
COUGHING, HEADACHE, DIZZINESS, DROWSINESS AND NAUSEA. DEPRESSION,
FATIGUE, LOSS OF APPETITE, AND VOMITING.
Medical
Cond Aggravated by Exposure:CUTS, ABRASIONS, DERMATITIS,
RESPIRATORY OR HEART AILMENTS.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MIN. SEE A PHYSICIAN
IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH
MILD SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS OR
PERSISTS. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR
ARTIFICIAL RESPIRATION IF NEEDED. CALL A PHYSICIAN IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:CARBON DIOXIDE, WATER SPRAY (FOG), DRY CHEMICAL.
TREAT AS A TYPE B (OIL TYPE) FIRE.
Fire Fighting Procedures:USE CANISTER TYPE GAS MASK. COOL EXPOSED
CONTAINERS WITH WATER. AVOID BREATHING VAPORS OR FUMES.
Unusual Fire/Explosion Hazard:CONTAINERS CAN RUPTURE AND EXPLODE UNDER
FIRE CONDITION DUE TO VAPOR BUILD

UP. COMBUSTION PRODUCTS CONTAIN
HYDROGEN CHLORIDE.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. DIKE SPILL. COVER
SPILL WITH DRY LIME OR SODA ASH, PICK UP, KEEP IN CLOSED CONTAINER
AND HOLD FOR WASTE DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN ORIGINAL CONTAINER ONLY. USE
WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES
AND OTHER SOURCES OF IGNITION.

Other Precautions:OPEN DRUM BUNG SLOWLY TO RELEASE ANY INTERNAL
PRESSURE. KEEP FACE AWAY WHEN OPENING DRUM.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL USE CONDITIONS. USE
HALOGENATED VAPOR MASK WHEN TLV IS EXCEEDED.

Ventilation:USE PEDESTAL FANS OR MECHANICAL EXHAUST.

Protective Gloves:SOLVENT RESISTANT, PVA COATED.

Eye Protection:SPLASH-PROOF GOGGLES.

Other Protective Equipment:RUBBER BOOTS, APRON AND GAUNTLETS AS NEEDED.
EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health
NONE

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

HCC:V2

Boiling Pt:B.P. Text:165F,74C

Vapor Pres:100 MM HG

Vapor Density:4.55

Spec Gravity:1.320

Evaporation Rate & Reference:0.4 (ETHER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR WATER-WHITE LIQUID,

ETHER-LIKE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, METALS SUCH AS SODIUM AND POTASSIUM.

Stability Condition to Avoid:AVOID EXTREME TEMPERATURES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
HYDROCHLORIC ACID, AND PHOSGENE.

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

Waste Disposal Methods:THIS PRODUCT MAY BE DISSOLVED

OR MIXED WITH A

COMBUSTIBLE SOLVENT AND BURNED IN A CHEMICAL INCINERATOR EQUIPPED
WITH AN AFTERBURNER AND SCRUBBER. DISPOSE OF IN ACCORDANCE WITH
LOCAL, STATE, AND FEDERAL REGULATIONS.

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