

PENETONE CORP -- CITRIKLEEN -- 7930-01-350-7035

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Product Identification  
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Product ID:CITRIKLEEN

MSDS Date:02/05/1992

FSC:7930

NIIN:01-350-7035

MSDS Number: BPPJR

=== Responsible Party ===

Company Name:PENETONE CORP

Address:74 HUDSON AVE

City:TENAFLY

State:NJ

ZIP:07670

Country:US

Info Phone Num:201-567-3000

Emergency Phone Num:201-567-3000,800-424-9300(CHEMTREC)

CAGE:56881

=== Contractor

Identification ===

Company Name:PENETONE CORP

Address:74 HUDSON

City:TENAFLY

State:NJ

ZIP:07670-1017

Country:US

Phone:201-567-3000

CAGE:56881

Company Name:PENETONE CORP

Address:74 HUDSON AVE

Box:City:TENAFLY

State:NJ

ZIP:07670

Country:US

Phone:201-567-3000

CAGE:56883

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Composition/Information on Ingredients  
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Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE RECOMMENDED

Ingred Name:D-LIMONENE

CAS:5989-27-5

RTECS #:GW6360000

Other REC Limits:NONE

RECOMMENDED

Ingred Name:ALKYLARYL SULFONATE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER (SARA III)  
CAS:112-34-5  
RTECS #:KJ9100000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:NON-IONIC SURFACTANT  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHANOLAMINE (SARA III)  
CAS:141-43-5  
RTECS #:KJ5775000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3 PPM/6 PPM STEL  
ACGIH TLV:3 PPM/6 PPM STEL9394

Ingred Name:ETHYLENEDIAMINE-TETRAACETIC ACID (EDTA) (SARA III)  
CAS  
:60-00-4  
RTECS #:AH4025000  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SLIGHT  
BURNS MAY DEVELOP IF UNTREATED. SKIN: PROLONGED CONTACT MAY CAUSE  
DRYNESS AND POSSIBLE BURNS.  
INHALATION: HIGH CONCENTRATIONS MAY  
RESULT IN HEADACHE,NAUSEA,OTHER CEN TRAL NERVOUS SYSTEM EFFECTS.  
INGESTION:INGESTION OF ETHANOLAMINE HAS BEEN LINKED TO LIVER AND  
KIDNEY DAMAGE IN ANIMALS.  
Effects of Overexposure:EYES: REDNESS, IRRITATION, BURNING SENSATION.  
SKIN: DRYNESS, IRRITATION, BURNING SENSATION. INHALATION: HEADACHE,  
DIZZINESS, NAUSEA, OTHER CNS EFFECTS. INGESTION: NO SYMPTOMS  
SPECIFIED BY MANUFACTURER ..  
Medical Cond Aggravated by Exposure:CUTS, ABRASIONS, DER

MATITIS MAY BE  
AGGRIVATED BY THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL  
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH  
WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION:  
MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. GET  
MEDICALATTENTION. INGESTION: DRINK LARGE AMOUNTS OF WATER OR MILK.  
DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:125F,52C  
Extinguishing Media:CARBON DIOXIDE, DRY POWDER, FOAM.  
Fire Fighting Procedures:TREAT AS CLASS B (OIL TYPE) FIRE.  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.  
DIKE SPILL. RECOVER FREE LIQUID. USE ABSORBENT AS NEEDED. RINSE  
AREA WITH WATER.  
Neutralizing  
Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.  
KEEP AWAY FROM HEAT AND OPEN FLAME. AVOID PROLONGED OR REPEATED  
BREATHING OF CONCENTRATED VAPORS.  
Other Precautions:PROTECT FROM PHYSICAL DAMAGE. DO NOT REUSE CONTAINER.  
KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NEEDED UN

DER NORMAL USE CONDITIONS.

Ventilation:ADEQUATE VENTILATION AND AIR MOVEMENTS INCLUDING OPEN DOORS, WINDOWS, OR EXHAUST FANS RECOMMENDED.

Protective Gloves:SOLVENT RESISTANT (RUBBER) GLOVES.

Eye Protection:SPLASH PROOF GOGGLES IF SPLASH EXPECTED.

Other Protective Equipment:RUBBER APRON AND GAUNTLETS AS NEEDED.  
PROVIDE AN EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

INGESTION OF ETHANOLAMINE HAS BEEN LINKED TO LIVER AND KIDNEY DAMAGE IN ANIMALS.

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

HCC:F6

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:18 MMHG

Vapor Density:=WATER

Spec Gravity:.976

pH:10.3

Evaporation Rate & Reference:0.08 (ACETONE=1)

Solubility in Water:FORMS EMULSION

Appearance and Odor:CLEAR, LIGHT-YELLOW LIQUID. CITRUS ODOR.

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

ACIDS AND OXIDIZERS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE FROM INCOMPLETE COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL RE

## GULATIONS.

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