

PENETONE CORP -- CITRIKLEEN -- 7930-01-350-7034

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

Product ID:CITRIKLEEN

MSDS Date:01/08/1993

FSC:7930

NIIN:01-350-7034

MSDS Number: BZLNP

=== 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)

Preparer's Name:CHARLES GOO

D

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 =====

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER (SARA III)

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: 1-5%

Other REC Limits:NONE RE

COMMENDED

Ingred Name:ETHANOLAMINE (SARA III)
CAS:141-43-5
RTECS #:KJ5775000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:3 PPM/6 PPM STEL
ACGIH TLV:3 PPM/6 PPM STEL

Ingred Name:310 G/L
RTECS #:9999999VO
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.
ACGIH TLV:NOT EST.

===== 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. INGESTION: HAS BEEN LINKED TO
LIVER/KIDNEY DAMAGE IN ANIMALS.
Explanation of Carcinogenicity:NOT A CARCINOGEN PER NTP, IARC, OSHA.
Effects of Overexposure:EYES/SKIN: IRRITATION, REDNESS. COUGHING,
HEADACHES, DIZZINESS, DROWSINESS, NAUSEA.
Medical Cond Aggravated by Exposure:CUTS, ABRASIONS, DERMATITIS,
RESPIRATORY AILMENTS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL AID
IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH
MILD SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL
RESPIRATION IF NEEDED. CALL DR. IMMEDIATELY

DIATELY. INGESTION: GIVE MILK
OR WATER. CALL DR. IMMEDIATELY.

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

Flash Point Method:PMCC

Flash Point:125F,52C

Extinguishing Media:FOAM, WATER SPRAY, DRY CHEMICAL. TREAT AS CLASS B
OIL FIRE.

Fire Fighting Procedures:USE AIR SUPPLIED BREATHING EQUIPMENT. COOL
CONTAINERS WITH WATER SPRAY. AVOID BREATHING VAPORS OR FUMES.

Unusual Fire/Explosion Hazard:CONTAINERS CAN RUPTURE AND EXPLODE UNDER
FIRE CONDITIONS DUE TO VA
POR BUILD-UP.

===== 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.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.
KEEP AWAY FROM HEAT/OPEN FLAME/IGNITION SOURCES. AVOID
PR

OLONGED/REPEATED BREATHING CONCENTRATED VAPORS.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. LAUNDER CONTAMINATED
CLOTHES BEFORE REUSE. DON'T CUT OR WELD EMPTY DRUMS; THEY MAY
CONTAIN BUILD-UP OF EXPLOSIVE VAPORS.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL USE CONDITIONS. USE
ORGANIC VAPOR MASK IN ENCLOSED OR CONFINED AREAS.

Ventilation:NATURAL VENILATION IS NORMALLY SUFFICIENT. FOR ENCLOSED
AREAS, PED

ESTAL FANS OR MECHANICAL VENTILATION.

Protective Gloves:SOLVENT RESISTANT OR NEOPRENE.

Eye Protection:SPLASH PROOF GOGGLES

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. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:21

2F,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

STRONG OXIDIZERS.

Stability Condition to Avoid:PRODUCT IS STABLE.

Hazardous Decomposition Products:CARBON MONOXIDE AND DIOXIDES, NITROGEN

OXIDES, SMOKE AND SOOT IF BURNED.

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

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

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