

PENETONE CORP -- CITRIKLEEN HD

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MSDS Safety Information  
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FSC: 6850  
NIIN: 01-329-7434  
MSDS Date: 02/05/1992  
MSDS Num: BRSWQ  
Product ID: CITRIKLEEN HD  
MFN: 01  
Responsible Party  
Cage: 56881  
Name: PENETONE CORP  
Address: 74 HUDSON AVENUE  
City: TENAFLY NJ 07670-1017  
Info Phone Number: 201-567-3000  
Emergency Phone Number: 201-567-3000 FAX: 201-569-5340  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 56881  
Name: PENETONE CORP  
Address: 74 HUDSON  
City: TENAFLY NJ 07670-1017  
Phone: 201-567-3000  
Cage: 56883  
Name: PENETONE CORP  
Address: 74 HUDSON AVE  
City: TENAFLY NJ 07670  
Phone: 201-567-3000

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Item Description Information  
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Item Manager: S9G  
Item Name: CLEANING COMPOUND,SOLVENT  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: CN  
UI Container Qty: 6 GALLON  
Type of Container: PPP-P-704

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: INHALATION- CNS EFFECTS. EYES- IRRITATION. SKIN- BURNS. INGESTION- UNKNOWN. CHRONIC- LIVER AND KIDNEY DAMAGE.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: INHALATION: SHORTNESS OF BREATH, DIZZINESS,

NAUSEA, HEADACHE, VOMITING. EYES: REDNESS, BURNING SENSATION.

SKIN: REDNESS, RASH, BURNING SENSATION. INGESTION: UNKNOWN.

Medical Cond Aggravated By Exposure: CUTS, ABRASIONS, DERMATITIS.

First Aid: INHALATION: REMOVE TO FRESH AIR. SEE DOCTOR. EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR IMMEDIATELY.

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Handling and Disposal

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Spill Release Procedures: VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. USE ABSORBENT TO PICK UP ANY MATERIAL OR MOP WITH WATER. PLACE RESIDUE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent: NONE

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

Handling And Storage Precautions: KEEP AWAY FROM HEAT, FLAME AND OTHER SOURCES OF IGNITION.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: AVOID PROLONGED OR REPEATED BREATHING OF VAPORS.

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Fire and Explosion Hazard Information

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Flash Point Method: PMCC

Flash Point Text: 125F,52C

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: CARBON DIOXIDE, DRY POWDER, FOAM

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. TREAT AS CLASS B (OIL TYPE FIRE). COOL CONTAINERS WITH FLOODING AMOUNTS OF WATER.

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Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Control Measures  
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Respiratory Protection: NONE NORMALLY REQUIRED. IF PEL/TLV EXCEEDED; USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves: NEOPRENE

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS C

LOTHING TO PREVENT REPEATED OR PROLONGED CONTACT.

Work Hygienic Practices: WASH HANDS BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health: KEEP OUT OF REACH OF CHILDREN.

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Physical/Chemical Properties  
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HCC: F6

B.P. Text: 212F,100C

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 15

Vapor Density: >3.0

Spec Gravity: 0.95

PH: 11.2

Solubility in Water: NO, EMULSIF IES

Appearance and Odor: CLEAR AMBER LIQUID WITH EVERGREEN ODOR

Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES, OPEN FLAME AND OTHER SOURCES OF IGNITION.

Materials To Avoid: STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: OXIDES OF CARBON

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Informat

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Other Information  
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Transportation Information  
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Responsible Party Cage: 56881  
Trans ID NO: 125882  
Product ID: CITRIKLEEN HD  
MSDS Prepared Date: 02/05/1992  
Review Date: 10/20/1993  
MFN: 1  
Tech Entry NOS Shipping Nm: ET  
HANOLAMINE, D-LIMONENE.  
Net Unit Weight: 47.4 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CN  
Container QTY: 6 GALLON  
Type Of Container: PPP-P-704  
Additional Data: PROPER SHIPPING NAME BY MANUFACTURER.

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Detail DOT Information  
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DOT PSN Code: GJD  
Symbols: G  
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, CORROSIVE, N.O.S.  
Hazard Class: 3  
UN ID Num: UN2924  
DOT Packaging Group: III  
Label: FLAMMABLE LIQUID, CORROSIVE  
Special Provision: B1, T15, T26  
Packaging Exception: 150  
Non Bulk Pack: 203  
Bulk Pack: 242  
Max Qty Pass: 5 L  
Max Qty Cargo: 60 L  
Vessel Stow Req: A  
Water/Ship/Other Req: 40

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Detail IMO Information  
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IMO PSN Code: HIP  
IMO Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. o  
IMDG Page Number: 3346  
UN Number: 2924  
UN Hazard Class: 3.3  
IMO Packaging Gr

oup: III  
Subsidiary Risk Label: CORROSIVE  
EMS Number: 3-02  
MED First Aid Guide NUM: 760

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Detail IATA Information  
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IATA PSN BL  
IATA UN ID Num: 2924  
IATA Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. \*  
IATA UN Class: 3  
Subsidiary Risk Class: 8  
IATA Label: FLAMMABLE LIQUID & CORROSIVE  
UN Packing Group: III  
Packing Note Passenger: 309  
Max Quant Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 310

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Detail AFI Information  
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AFI PSN BL  
AFI Symbols: \*  
AFI Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.  
AFI Hazard Class: 3  
AFI UN ID NUM: UN2924  
AFI Packing Group: III  
AFI Label: 8  
Special Provisions: P5  
Back Pack Reference: A7.3

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HAZCOM Label  
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Product ID: CITRIKLEEN HD  
Cage: 56881  
Company Name: PENETONE CORP  
Street: 74 HUDSON  
City: TENAFLY NJ  
Zipcode: 07670-1017  
Health Emergency Phone: 201-567-3000 FAX: 201-569-5340  
Label Required IND: Y  
Date Of Label Review: 05/11/1992  
Status Code: C  
MFG Label NO: UNKNOWN  
Label Date: 05/11/1992  
Year Procured: 1992  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: Moderate  
Reactivity Hazard: None

Hazard And Precautions: ACUTE: EYE-IRRITANT. SLIGHT BURNS MAY DEVELOP IF UNTREATED. SKIN-PROLONGED CONTACT MAY CASUE DRYNESS & POSSIBLE BURNS. CHRONIC: INGESTION-HAS BEEN LINKED TO LIVER/KIDNEY DAMAGE IN ANIMALS. SPILL: DIKE & REMOVE IGNITION SOURCES. RECOVER FREE LIQUID. USE ABSORBENTS AS NEEDED. RINSE AREA WITH WATER. FIRST AID: EYES-FLUSH WITH WATER FOR 15 MIN. SEE PHYSICIAN IMMEDIATELY. SKIN-FLUSH WITH WATER FOR SEVE RAL MIN. IF IRRITATION DEVELOPS/PERSISTS SEE PHYSICIAN. INHALATION-REMOVE TO FRESH AIR. PERFORM CPR IF NEEDED. CONSULT PHYSICIAN. INGESTION-GIVE LARGE AMOUNTS OF MILK OR WATER. DO NOT INDUCE VOMITING. SEE PHYSICIAN IMMEDIATELY.

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o their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.