

PENETONE CORP SUB OF WEST CHEMICAL PRODUCTS INC -- PENAIR HD-1 -- 6850-01-390-7808

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Product Identification
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Product ID: PENAIR HD-1

MSDS Date: 03/16/1995

FSC: 6850

NIIN: 01-390-7808

MSDS Number: BZNXG

=== Responsible Party ===

Company Name: PENETONE CORP SUB OF WEST CHEMICAL PRODUCTS INC

Address: 74 HUDSON AVENUE

City: TONAFLY

State: NJ

ZIP: 07670-1017

Country: US

Info Phone Num: 201-567-3000

Emer

gency Phone Num: 201-567-3000

Resp. Party Other MSDS Num.: 1864-503L

Preparer's Name: C. GOOD

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: SP0450-00-M-SG29

CAGE: 56883

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Composition/Information on Ingredients
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Ingred Name: D-LIMONENE

CAS: 5989-27-5

RTECS #: GW6360000

Minumum % Wt: 25.

Maxumum % Wt: 30.

Other REC Limit

s:NONE RECOMMENDED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM FATTY ACID SOAP

CAS:61790-44-1

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL MONOBUTYL ETHER

CAS:112-34-5

RTECS #:KJ9100000

Minumum % Wt:10.

Maxumum % Wt:15.

Other REC Limits:NONE RECOMMENDED

Ingred Name:NONYLPHENOL POLYETHOXATE

CAS:9016-45-9

RTECS #:MD0900000

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: MAY CAUSE IRRITATION TO EYES ON PROLONGED CONTACT. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING. SKIN CONTACT: FREQUENT OR PROLONGED MAY IRRITATE OR DRY THE SKIN, OR CAUSE DERMATITIS. INHA LATION: HIGH VAPOR/AEROSOL CONCENTRATIONS ARE IRRITATING TO THE RESPIRATORY TRACT & MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECT

S. INGESTION: SMALL AMOUNTS OF THIS LIQUID MAY BE DRAWN INTO LUNGS BY SWALLOW ING OR VOMITING. THIS MAY CAUSE SEVERE & DELAYED HEALTH EFFECTS SUCH AS INFLAMMATION OF THE LUNGS AND INFECTION OF THE BRONCHI. INGESTION MAY CAUSE IRRITATION TO DIGESTIVE TRACT.

Explanation of Carcinogenicity:PENAIR HD-1 DOES NOT CONTAIN ANY COMPONENT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.

Effects of Overexposure:SKIN-IRRITATION, DRY SKIN. EYES-IRRITATION. INHALED-HEADACHES, DIZZINESS, AN

ESTHESIA, DROWSINESS,
UNCONSCIOUSNESS, OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTED-GI
TRACT IRRITATION.

Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS CONDITION.

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

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN
IMMEDIATELY. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP
& WATER. IF SKIN IRRITATION DEVELOPS OR PERSISTS, SEE A PHYSICIAN.
INHAL
ED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL
RESPIRATION AS NEEDED. CALL A PHYSICIAN IMMEDIATELY. INGESTED-IF
CONSCIOUS, GIVE PLENTY OF MILK OR WATER. DO NOT INDUCE VOMITING!
CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:=51.7C, 125.F

Extinguishing Media:EITHER ALLOW FIRE TO BURN OUT UNDER CONTROLLED
CONDITIONS OR EXTINGUISH WITH WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedur

es:EITHER ALLOW FIRE TO BURN OUT UNDER CONTROLLED
CONDITIONS OR EXTINGUISH WITH WATER, FOAM, DRY CHEMICAL. COOL
EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID. CONTAINERS CAN
RUPTURE & EXPLODE UNDER FIRE CONDITIONS. CAN FORM FLAMMABLE
MIXTURES AT OR ABOVE THE FLASH POINT.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. ABSORB WITH
INERT MATERIAL SUCH AS TOW
ELS OR ABSORBENT PAPERS. PUT ALL MATERIAL
INTO PROPER WASTE DISPOSAL CONTAINER WITH LID TIGHTLY COVERED. FOR
LARGER SPILLS: CON TAIN SPILL, RECOVER FREE LIQUID, USE ABSORBENT
TO DRY AREA. PUT ALL MATERIAL INTO APPROPRIATE CONTAINERS.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:STORAGE TEMPERATURE: AMBIENT. DO NOT
STORE AT TEMPERATURES CONSISTENTLY ABOVE 120F OR BEL

OW 32F, TO

ENSURE PRODUCT INTEGRITY. IF PRODUCT FREEZES, THAW AND MIX BEFORE USING. KEEP AWAY FROM ARTIFICIAL HEAT SOURCES, OPEN FLAMES AND OTHER IGNITION SOURCES. DO NOT STORE NEAR STRONG OXIDANTS.

Other Precautions:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Respiratory Protection:IF VENTILATION IS INADEQUATE, AN ORGANIC VAPOR MASK SHOULD BE USED.

Ventilation:NONE NORMALLY REQUIRED.ADEQUATE VENTILATION MUST BE

PROVIDED FOR CONFINED AREAS-USE MECHANICAL VENTILATION/LOCAL EXHAUST

Protective Gloves:SOLVENT RESISTANT GLOVES-NITRILE.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:DEPENDING ON HOW PRODUCT IS USED; RUBBER BOOTS, APRON, GAUNTLETS OR RAIN GEAR. DLA-HMIS STAFF RECOMMEND: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

AVOID BREATHING OF VAPORS AND SPRAY MIST. USE COARSE SPRAY ONLY. DO NOT FOG THIS PRODUCT!

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

HCC:F4

Boiling Pt:=100.C, 212.F

Decomp Temp:=204.4C, 400.F

Vapor Pres:EQUAL TO WATER

Vapor Density:= TO WATER

Spec Gravity:0.95

VOC Pounds/Gallon:490

pH:9.0

Evaporation Rate & Reference:EQUAL TO WATER(ACETONE=1)

Solubility in Water:EMULSIFIES

Appearance and Odor:CLEAR AMBER LIQUID WITH CITRUS ODOR.

Percent Volatiles by Volume:30

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NO DATA PROVIDED BY RESPONSIBLE PARTY.

Hazardous Decomposition Products: SMOKE, FUMES AND OXIDES OF CARBON.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Ecological Information =====

Ecological: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods: RCRA HAZARD CLASS: D001 IGNITABLE HAZARDOUS WASTE. DLA-HMIS STAFF: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: US DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S. (CONTAINS D'LIMONENE). HAZARD

CLASS: COMBUSTIBLE LIQUID.

IDENTIFICATION NUMBER: NA1993. PACKING GROUP: III. LABEL: NOT REQUIRED FOR NON-BULK. RE CLASSIFIED PER 49CFR 173.20(B)(2).

(DLA-HMIS NOTE: SINCE THIS NSN IS NON-BULK (CONTAINER SIZE UNDER 119 GALLONS) THIS NSN NOT REGULATED FOR US DOMESTIC OVERLAND).

INTERNATIONAL: PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S.

(CONTAINS D'LIMONENE). HAZARD CLASS: 3. IDENTIFICATION NUMBER: UN 1993. PACKING GROUP: III. LABEL: FLAMMABLE.

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= Regulatory Information =====

SARA Title III Information: SECTION 311/312 HAZARD CATEGORIES: ACUTE HEALTH, CHRONIC HEALTH, FIRE. SECTION 313 REPORTABLE INGREDIENTS: DIETHYLENE GLYCOL MONOBUTYL ETHER, CAS# 112-34-5, 10-15%.

Federal Regulatory Information: RCRA HAZARD CLASS: D001 IGNITABLE HAZARDOUS WASTE. CERCLA: THIS PRODUCT DOES NOT CONTAIN ANY CERCLA REPORTABLE MATERIALS. CHECK WITH LOCAL & STATE AUTHORITIES TO DETERMINE IF OTHER REPORTING REQUIREMENTS ARE

E APPLICABLE.

State Regulatory Information:NEW JERSEY RIGHT-TO-KNOW INFORMATION: THIS PRODUCT CONTAINS WATER (CAS# 7732-18-5), D'LIMONENE (CAS# 5989-27-5), POTASSIUM FATTY ACID SOAP (CAS# 6190-44-1), DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS# 112 -34-5), NONYLPHENOL ETHOXYLATE (CAS# 9016-45-9). CALIFORNIA PROPOSITION 65 INFORMATION: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS RECOGNIZED BY THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH D EFECTS OR REPRODUCTIVE HARM

. SCAQMD: % VOLUME OF PHOTOCHEMICALLY ACTIVE MATERIAL: 30%.
VAPOR PRESSUR E OF VOC: 0.18 MM HG @ 20C.

===== Other Information =====

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