

PENETONE CORP -- PENAIR HD-1 -- 6850-01-390-7816

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Product Identification
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Product ID: PENAIR HD-1
MSDS Date: 02/28/1996
FSC: 6850
NIIN: 01-390-7816
MSDS Number: CBTKC
=== 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, 800-424-9300 (CHEMTREC)
Preparer's Name:
C. GOOD
CAGE: 56881
=== Contractor Identification ===
Company Name: L-TRONICS (805-967-4859)
Box: UNKNOW
CAGE: 56729
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
Contract Num: SP0450-99-M-NB09
CAGE: 56883

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Composition/Information on Ingredients
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Ingred Name: D-LIMONENE
CAS: 5989-27-5

RTECS #:GW6360000
Fraction by Wt: 25-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: IRRITATION. SKIN:
IRRITATION, DRYING, DERMATITIS. INHALATION: RE
SPIRATORY TRACT
IRRITATION, HEADACHE, DIZZINESS, ANESTHESIA, DROWSINESS,
UNCONSCIOUSNESS, OTHER CNS EFFECTS. INGESTION: IRR ITATION OF
DIGESTIVE TRACT.ASPIRATION HAZARD, SMALL AMOUNT DRAWN INTO LUNGS
DURING SWALLOWING OR VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH
CAN BE FATAL. CHRONIC: PROLONGED BREATHING OF MISTS MAY C AUSE
INFLAMMATION OF RESPIRATORY TRACT.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER T
HAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DRYING,
DERMATITIS. INHALATION: IRRITATION OF RESPIRATORY TRACT,HEADACHE,
DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, OTHER CNS
EFFECTS. INGESTION: IRRITATI ON OF DIGESTIVE TRACT
Medical Cond Aggravated by Exposure:MAY AGGRAVATE AN EXISTING
DERMATITIS CONDITION.

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

First Aid:EYES: FLUSH WITH LARGE A
MOUNTS OF WATER. GET MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN AREA WITH
LARGE AMOUNTS OF WATER. IF IRRITATION DEVELOPS OR PERSISTS, GET
MEDICAL ATTENTI ON. INHALATION: MOVE TO FRESH AIR. ADMINISTER
OXYGEN OR CPR AS NEEDED. GET MEDICAL ATTENTION. INGESTION: GIVE
PLENTY OF WATER. DO NOT INDUCE VOMITING. USE A STOMACH PUMP. GET
MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Poin

t:=51.7C, 125.F
125F,52C

Extinguishing Media:WATER, FOAM, DRY CHEMICAL. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR. ALLOW FIRE TO BURN OUT UNDER CONTROLLED
CONDITIONS OR EXTINGUISH WITH WATER/FOAM/DRY CHEMICAL.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. CAN FORM FLAMMABLE
MIXTURES AT OR ABOVE FLASH POINT. CONTAINERS CAN RUPTURE/EXPLODE
UNDER FIRE CONDITIONS DUE TO PRESSURE AND V
APOR BUILDUP.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. VENTILATE
AREA.CONTAIN SPILL. RECOVER FREE LIQUID.USE ABSORBENT MATERIAL TO
REMOVE RESIDUAL SPILL AND TO DRY AREA. PLACE RESIDUE IN APPROPRIATE
WASTE CONTAINER.REMOVE PR ODUCT FROM WATER SURFACE BY SKIMMING
ORABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Han

dling and Storage Precautions:KEEP AWAY FROM HEAT, OPEN FLAMES,
IGNITION SOURCES AND AWAY FROM STRONG OXIDANTS. DO NOT STORE AT
TEMPERATURES CONSISTENTLY ABOVE 120F OR BELOW 32F.

Other Precautions:IF PRODUCT FREEZES, THAW AND MIX BEFORE USING. AVOID
BREATHING OF VAPORS AND SPRAY MIST. USE COURSE SPRAY ONLY. DO NOT
FOG THIS PRODUCT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF PEL/TLV EXCEEDED, A
NIOSH/

MSHA APPROVED ORGANIC VAPOR MASK SHOULD BE USED.

Ventilation:NONE NORMALLY REQUIRED. ADEQUATE VENTILATION MUST BE
PROVIDED IN CONFINED AREAS OR WHERE LARGE AMOUNTS OF PRODUCT USED.

Protective Gloves:SOLVENT RESISTANT GLOVES RECOMMENDED.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:DEPENDING ON USE, USE AS NEEDED SPLASH PROOF
GOGGLES OR FACE SHIELD, RUBBER BOOTS, APRON, GAUNTLETS, OR
RAINGEAR.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:F4

Boiling Pt:=100.C, 212.F

B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:=204.4C, 400.F

Decomp Text:400F,204C

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:0.95

VOC Pounds/Gallon:490

pH:9.0

Evaporation Rate & Reference:1 (WATER=1)

Solubility in Water:EMULSIFIES

Appear

ance and Odor:CLEAR AMBER LIQUID. CITRUS ODOR.

Percent Volatiles by Volume:50

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

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

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

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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aste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CHECK WITH LOCAL ENVIRONMENTAL REGULATORY AGENCIES FOR REPORTING REQUIREMENTS.

===== Regulatory Information =====

SARA Title III Information:ACUTE AND CHRONIC HEALTH, FIRE HAZARD.

Federal Regulatory Information:RCRA HAZ CLASS D001 IGNITABLE HAZ WASTE.

State Regulatory Information:NEW JERSEY RIGHT TO KNOW ACT: THIS PRODUCT CONTAINS WATER (CAS 7732-18-5),

POTASSIUM FATTY ACID SOAP (CAS
61790-44-1), DIETHYLENE GLYCOL MONOBUTYLETHER (CAS 112-34-5) AND
NONYLPHEOL ETHOXYLATE (CAS 90 16-45-9)

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