View NSN Online: https://aerobasegroup.com/nsn/6850-01-390-7808 PENETONE CORP -- PENAIR HD-1 -- 6850-01-390-7808 Product ID:PENAIR HD-1 MSDS Date:03/20/1998 FSC:6850 NIIN:01-390-7808 Status Code:A MSDS Number: CLRHB === Responsible Party === Company Name: PENETONE CORP Address:74 HUDSON AVE City:TENAFLY State:NJ ZIP:07870 Country:US Info Phone Num:201-567-3000 Emergency Phone Num:201-567-3000 Resp. Party Other MSDS Num.:1864A NSI-8030 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 CAGE:56883 ======= Composition/Information on Ingredients ========

Ingred Name:D-LIMONENE CAS:5989-27-5 RTECS #:GW6360000 Minumum % Wt:25. Maxumum % Wt:30.

Other REC Limits:NOT PROVIDED

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

LD

50 LC50 Mixture: NOT PROVIDED

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

Health Hazards Acute and Chronic:EYE: MAY CAUSE IRRITATION ON PROLONGED CONTACT. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING. SKIN: FREQUENT OR PROLONGED CONTACT MAY IRRITATE OR DRY THE SKIN OR CAUSE DERMATITIS. INHALATION:HIGH VAPOR /AEROSOL CONCENTRATIONS ARE IRRITATING TO THE RESPIRATORY TRACT. INGESTION: SMALL AMOUNTS OF THIS LIQUID MAY BE DRAWN INTO THE LUNGS BY EITHER SWALLOWING OR VOM

ITING. THIS MAY CAUSE INFLAMMATION OF THE LUNGS AND INFECTION OF THE BRONCHI. INGESTION MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT. CHRONIC: INFLAMMATION OF MUCOUS MEMBRANES AND RESPIRATORY TRACT MAY OCCUR UPON PROLONED BREATHING OF MIST. MAY CAUSE KIDNEY AND LIVER DAMAGE.

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

Effects of Overexposure:EYE: MAY CAUSE IRRITATION ON PROLONGED CONTACT. HIGH VA

POR CONCENTRATIONS MAY BE IRRITATING. SKIN: FREQUENT OR PROLONGED CONTACT MAY IRRITATE OR DRY THE SKIN OR CAUSE DERMATITIS. INGESTION: INGESTION MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT. INHALATION:HIGH VAPOR/AEROSOL CONCENTRATIONS ARE IRRITATING TO THE RESPIRATORY TRACT.

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

First Aid:EYE: FLUSH EYES WITH LARGE AMO

UNTS OF WATER. SEE PHYSICIAN

IMMEDIATELY. SKIN: FLUSH SKIN WITH LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. IF SKIN IRRITATION DEVELOPS OR PERSISTS, CONSULT PHYSICIAN. INHALATION: REMOVE PERSON TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. CALL A PHYSICIAN IMMEDIATELY. INGESTION: IF SWALLOWED, GIVE PLENTY OF MI LK OR WATER. DO NOT INDUCE VOMITING. USE A STOMACH PUMP. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:PMCC Flash Point:=51.7C, 125.F

155F COC

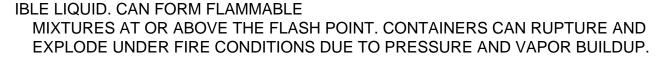
Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D Upper Limits:N/D

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

Fire Fighting Procedures: EITHER ALLOW FIRE TO BURN OUT UNDER CONTROLLED CONDITIONS OR EXTINGUISH WITH WATER, FOAM, OR DRY CHEMICAL.

Unusual Fire/Explosion Hazard: COMBUST



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

Spill Release Procedures:LAND SPILL: ELIMINATE SOURCES OF IGNITION. FOR SMALL SPILLS, USE ABSORBENT MATERIAL SUCH AS TOWELS OR ABSORBENT POWDERS. PUT ALL MATERIAL INTO PROPER WASTE DISPOSAL CONTAINER WITH LID TIGHTLY COVERED. FOR LARGER SPILLS, CO

NTAIN SPILL, RECOVER

FREE LIQUID, AND USE ABSORBENT MATERIAL TO DRY AREA. PUT ALL MATERIAL INTO APPROPRIATE WASTE CONTAINERS.

Neutralizing Agent: NOT PROVIDED

Handling and Storage Precautions:STORAGE TEMPERATURE, F: AMBIENT. DO NOT STORE AT TEMPERATURES CONSISTENTLY ABOVE 120F, OR BELOW 32F, TO ENSURE PRODUCT INTEGRITY. IF PRODUCT FREEZES, THAW AND MIX BEFORE USING.

Other Precautions: KEEP AWAY FROM ARTIFICIA

L HEAT SOURCES, OPEN FLAMES,

AND OTHER IGNITION SOURCES. DO NOT STORE NEAR STRONG OXIDANTS.

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

Respiratory Protection:IF VENTILATION IS INADEQUATE, AN ORGANIC VAPOR MASK SHOULD BE USED. AVOID BREATHING OF VAPORS AND SPRAY MIST. USE COARSE SPRAY ONLY. DO NOT FOG THIS PRODUCT.

Ventilation: NONE NEEDED UNDER NORMAL USE CONDITIONS. ADEQUATE VENTILATION MUST BE PROVIDED IN CONFINED AREAS.

Protective Gloves: SOLVENT RESIS

TANT GLOVES SHOULD BE USED.

Eye Protection:SAFETY GLASSES ARE RECOMMENDED FOR ALL WORKPLACE CONDITIONS.

Other Protective Equipment: DEPENDING ON HOW THE PRODUCT IS USED, OTHER PROTECTIVE GEAR, INCLUDING SPLASH PROOF GOGGLES OR FACE SHIELD, RUBBER BOOTS, APRON, GAUNTLETS, OR RAIN GEAR SHOULD BE WORN.

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D

= NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:F4

NRC/State Lic Num: NOT RELEVANT

Boiling Pt:=100.C, 212.F

B.P. Text:ABOUT

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED Decomp Temp:Decomp Text:NOT PROVIDED Vapor Pres:EQUAL TO WATER @20C/68F

Vapor Density:= H20 Spec Gravity:0.97

VOC Pounds/Gallon:490

pH:9.0

VOC Grams/Liter:4.1

Viscosity: