

PENETONE CORP -- PENAIR M-5571 -- 6850-01-237-8004

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

Product ID: PENAIR M-5571

MSDS Date: 08/15/1996

FSC: 6850

NIIN: 01-237-8004

Status Code: A

MSDS Number: CKRNJ

=== 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

Resp. Party Other MSDS Num.: 9904.606K

Preparer's Name: NOT PROVIDED

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-SF85

CAGE: 56883

===== Composition/Information on Ingredients =====

Ingred Name: AROMATIC HYDROCARBONS

CAS: 64742-94-5

RTECS #: WF3100000

Other REC Limits: 100 PPM MFR

Ingred Name: DIPROPYLENE GLYCOL MONOMETHYL ETHER

CAS: 34590-94-8

RTECS #: JM1575000

Other REC Limits: NOT PROVIDED

OSHA PEL: 600

MG/M3;100 PPM  
ACGIH TLV:606 MG/M3;100 PPM  
ACGIH STEL:909 MG/M3;150 PPM

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:EYE: SLIGHTLY IRRITATING BUT DOES NOT INJURE EYE TISSUE. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING. SKIN: FREQUENT/PROLONGED CONTACT MAY IRRITATE/DRY SKIN AND CAUSE DERMITITIS. INHALATION: HIGH VAPO R/AEROSOL CONCENTRATIONS (> TLV)

ARE IRRITATING TO RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: SMALL AMOUNTS OF THIS LIQUID MAY BE DRAWN INTO LUNGS BY EITHER SWALLOWING/VOMITING.THIS MAY CAUSE SEVERE AND DELAYED HEALTH EFFECTS SUCH AS INFLAMMATION OF LUNGS AND INFECTION OF BRONCHI. INGESTION MAY CAUSE DIGESTIVE TRACT IRRITATION, DIARRHEA.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:

EYE: SLIGHTLY IRRITATING BUT DOES NOT INJURE EYE TISSUE. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING. SKIN: FREQUENT/PROLONGED CONTACT MAY IRRITATE/DRY SKIN AND CAUSE DERMITITIS. INHALATION: HIGH VAPO R/AEROSOL CONCENTRATIONS (> TLV) ARE IRRITATING TO RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION: MAY CAUSE DIGESTIVE TRACT IRRITATION, DIARRHEA.

Medical Condition Aggravated

by Exposure:SKIN CONTACT MAY AGGRAVATE EXISTING DERMITITIS CONDITION.

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

First Aid:EYE CONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER. SEE PHYSICIAN IMMEDIATELY. SKIN CONTACT: FLUSH SKIN WITH LARGE AMOUNT OF WATER. USE SOAP IF AVAILABLE. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. IF SKIN IRRITATION DEVELOPS OR PERSISTS CONSULT PHYSICIAN. INHALATION: REMOVE PERSON TO FRESH AIR. ADMINISTER OXYGEN

N OR ARTIFICIAL RESPIRATION AS NEEDED. CALL A  
PHYSICIAN IMMEDIATELY. INGESTI ON: IF SWALLOWED, DO NOT INDUCE  
VOMITING. USE A STOMACH PUMP. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:=63.9C, 147.F  
185F COC  
Autoignition Temp:Autoignition Temp Text:N/D  
Lower Limits:N/D  
Upper Limits:N/D  
Extinguishing Media:WATER, FOAM, OR DRY CHEMICAL  
Fire Fighting Procedures:EITHER ALLOW FIRE TO BURN OUT UNDER CONTR  
OLLED  
CONDITIONS OR EXTINGUISH WITH WATER, FOAM, OR DRY CHEMICAL. COOL  
EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:COMBUSTIBLE. CAN FORM COMBUSTIBLE  
MIXTURES AT OR ABOVE THE FLASH POINT. CONTAINERS CAN RUPTURE AND  
EXPLODE UNDER FIRE CONDITIONS DUE TO PRESSURE AND VAPOR BUILDUP.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. FOR SMALL  
SPILLS, USE ABSORBENT MATERIAL SUCH AS TOW  
ELS OR ABSORBENT POWDERS.  
PUT ALL MATERIAL INTO PROPER WASTE DISPOSAL CONTAINER WITH LID  
TIGHTLY COVERED. SOLVENT SOA KED MATERIALS MAY SPONTANEOUSLY  
COMBUST. FOR LARGER SPILL, DIKE, RECOVER FREE LIQUID AND USE  
ABSORBENT MATERIAL TO DRY AREA. RINSE AREA WITH WATER. PUT ALL  
MATERIAL INTO APPROPRIATE WASTE CONTAINERS.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATUR  
E. DO NOT  
STORE ABOVE 120 F. KEEP AWAY FROM HEAT SOURCES, OPEN FLAMES, AND  
OTHER IGNITION SOURCES. DO NOT STORE NEAR STRONG OXIDANTS.  
Other Precautions:NOT PROVIDED

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

Respiratory Protection:AN ORGANIC VAPOR MASK SHOULD BE USED IF THE TLV  
IS EXCEEDED AND A PARTICLE MASK IF THE PRODUCT IS SPRAYED. DO NOT  
MIST THIS PRODUCT. USE COARSE SPRAY ONLY.  
Ventilation:NONE NEEDED UNDER NORMAL USE CONDITIONS. FOR ENCLOSED AREA

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OR WHERE LARGE AMOUNTS OF PRODUCT IS BEING USED, FANS OR MECHANICAL VENTILATION IS RECOMMENDED.

Protective Gloves:SOLVENT RESISTANT GLOVES ARE RECOMMENDED WHERE PROLONED SKIN EXPOSURE EXPECTED.

Eye Protection:SPLASH PROOF GOGGLES OR FACE SHIELD.

Other Protective Equipment:RUBBER BOOTS, APRONS, GAUNTLETS, OR RAIN GEAR SHOULD BE WORN DEPENDING ON HOW THE PRODUCT IS USED.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

P/N: CLEANING COMPOUND.

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= Physical/Chemical Properties =====

HCC:V4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=100.C, 212.F

B.P. Text:ABOUT

Vapor Pres:EQUAL TO WATER @ 20C/68F

Vapor Density:N/D

Volatile Org Content %:30

Spec Gravity:1.03

pH:5-9

Viscosity:NOT PROVIDED

Evaporation Rate & Reference: