

PENETONE CORP SUB OF WEST CHEMICAL PRODUCTS INC -- PENAIR HD-3 -- 6850-01-390-9453

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

Product ID: PENAIR HD-3

MSDS Date: 10/22/1997

FSC: 6850

NIIN: 01-390-9453

MSDS Number: CDGYL

=== Responsible Party ===

Company Name: PENETONE CORP SUB OF WEST CHEMICAL PRODUCTS INC

Address: 74 HUDSON AVENUE

City: TENAFLY

State: NJ

ZIP: 07670-1017

Country: US

Info Phone Num: 201-567-3000

Emer

gency Phone Num: 201-567-3000 FAX: 201-569-5340

Preparer's Name: C. GOOD

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: DIPROPYLENE GLYCOL METHYL ETHER

CAS: 34590-94-8

RTECS #: JM1575000

Fraction by Wt: 5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: S, 100 PPM

ACGIH TLV: S, 100PPM/150 STEL; 96

=====
=====

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY
CAUSE IRRITATION AND DRYNESS.INGEST:MAY CAUSE GI TRACT
IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Effects of

Overexposure:SKIN:DERMATITIS.INHAL:LIGHTHEADEDNESS,HEADACHE.INGEST:
DIARRHEA.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.GET MEDICAL
ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET
IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN
OR ARTIFICI AL
RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL
ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED
MEDICAL ATTENTION.IF CONSCIOUS,GIVE PLENTY OF MILK OR WATER.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.
Unusual Fire/Explosion H
azard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT
ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE
CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.
Neutralizing Agent:NOT REPORTED.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED
PLACE.KEEP CON

TAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM
INCOMPATIBLE MATERIALS.AVOID FREEZING.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID
SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.
Ventilation:DILUTION VENTILATION.WHEN SPRAYING PRODUCT USE APPROPRIATE
RESPIRATORY PROTECTION.

Protectiv

e Gloves:RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:RUBBER BOOTS,APRON,GAUNTLETS,RAIN GEAR,WHEN
SPRAYING.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health

NONE

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

HCC:B3

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:2

3

Vapor Density:1

Spec Gravity:1.01

pH:8-10

Evaporation Rate & Reference:1 WATER=1

Solubility in Water:SOLUBLE

Appearance and Odor:VISCOUS WATER WHITE TO AMBER LIQUID WITH A MILD
ODOR.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALI,ACIDS AND OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,OX

IDES
OF NITROGEN.

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

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its us

e. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.