



# MATERIAL SAFETY DATA SHEET

Penetone® Corporation, 700 Gotham Parkway, Carlstadt, NJ 07072

**PENAIR® M-5572B**

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MSDS No.: 4890-402R

## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: PENAIR M-5572B

GENERAL USE: Aircraft Exterior Cleaner

PRODUCT DESCRIPTION: Liquid alkaline cleaner

GENERIC INGREDIENTS: Water, surfactants, water conditioning agent, inhibitors

**EMERGENCY TELEPHONE NUMBERS: PENETONE 201-567-3000**

**CHEMTREC 800-424-9300**

## SECTION 2 HAZARDOUS INGREDIENT SECTION

This product is nonhazardous as defined in 29 CFR 1910.1200.

### OSHA HAZARDOUS INGREDIENTS

	CAS#	EXPOSURE LIMITS 8 hrs. TWA (mg/m <sup>3</sup> )		Supplier
		OSHA PEL	ACGIH TLV	
Dipropylene Glycol methyl ether	34590-94-8	100	100	----

## SECTION 3 HEALTH INFORMATION & PROTECTION

### EMERGENCY OVERVIEW:

**Clear to light yellow liquid with mild odor.**

**Can be irritating to skin and eyes.**

### POTENTIAL HEALTH EFFECTS:

#### EYE CONTACT:

Irritating to the eyes on contact only.

#### SKIN CONTACT:

Frequent or prolonged contact may irritate or dry the skin and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

#### INHALATION:

Inhalation of spray mist may cause irritation to the respiratory tract, lightheadedness and headaches.

#### INGESTION:

Ingestion may cause irritation to the digestive tract and diarrhea.

**FIRST AID MEASURES:**

**EYE CONTACT:**

Flush eyes with large amounts of water. See physician immediately.

**SKIN CONTACT:**

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 water or milk. Call a physician immediately.

**WORKPLACE EXPOSURE CONTROLS:**

**PERSONAL PROTECTION:**

Splash proof goggles are recommended for all workplace conditions. Rubber gloves are recommended. When spraying this product, rubber boots, aprons, gauntlets, or rain gear should be worn depending on operations.

**VENTILATION:**

None needed under normal use conditions. If the product is being sprayed, a dust mask or particle respirator is recommended.

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**SECTION 4 FIRE & EXPLOSION HAZARDS**

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**FLASH POINT:** None to boiling point (TCC, COC)

**FLAMMABLE LIMITS:** Not applicable

**AUTOIGNITION TEMPERATURE:** Not determined

**GENERAL HAZARD:**

This is a water based product and presents no unusual hazards in a fire.

**FIRE FIGHTING:**

Cool containers with water.

**HAZARDOUS COMBUSTION PRODUCTS:**

Smoke, fumes, and oxides of carbon and nitrogen.

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**SECTION 5 SPILL CONTROL MEASURES**

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**LAND SPILL:**

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, dike spill, recover free liquid, and use absorbent material to dry area. Rinse area with water. Put all material into appropriate waste containers.

**WATER SPILL:**

Product is water based and water dilutable. Surfactants used in this product are biodegradable. Localized high concentration of product may cause fish kills, but no persistent or long term effects will result. Check with local environmental regulatory agencies for reporting requirements.

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## SECTION 6 HANDLING & STORAGE

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**STORAGE TEMPERATURE, °F:** ambient. DO NOT STORE ABOVE 120° F. KEEP FROM FREEZING.

**GENERAL:** Do not store near strong acids.

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## SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

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**BOILING POINT, °F:**

about 212

**EVAPORATION RATE, Acetone = 1:**

equal to water

**SOLUBILITY IN WATER:**

soluble

**SPECIFIC GRAVITY at 75°F:**

1.011

**ODOR AND APPEARANCE:**

water white to amber liquid with a mild odor

**VAPOR PRESSURE, mm Hg at 20°C:**

equal to water

**VAPOR DENSITY (Air = 1):**

equal to water

**WT% ORGANIC VOLATILES:**

nil

**pH:**

8 - 10

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## SECTION 8 REACTIVITY DATA

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**GENERAL:**

This product is stable and hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

Strong acids, alkali, oxidizers

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## SECTION 9 REGULATORY INFORMATION

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**DEPARTMENT OF TRANSPORTATION (DOT):**

**PROPER SHIPPING NAME:**

NONHAZARDOUS (nonregulated) MATERIAL

**HAZARD CLASS:** none

**IDENTIFICATION NUMBER:** none

**PACKING GROUP:** none

**LABEL:** not required

**FLASH POINT:** None-to-boil

**pH:** 8 - 10

**TSCA:** The ingredients in this product are listed on the TSCA inventory.

**CERCLA:**

This product contains no reportable CERCLA materials. Contact local authorities to determine if there may be other local reporting requirements.

**RCRA HAZARD CLASS:**

Nonhazardous waste

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**SARA TITLE III:**

311/312 HAZARD CATEGORIES:

Acute health

313 REPORTABLE INGREDIENTS:

none

**NEW JERSEY RIGHT-TO-KNOW INFORMATION:**

This product contains water (CAS# 7732-18-5), dipropylene glycol methyl ether (CAS# 34590-94-8), nonyl phenol ethoxylate (CAS# 9016-45-9), capric diethanolamide (CAS# 136-26-5) and triethanolamine (CAS# 102-71-6).

**CALIFORNIA PROPOSITION 65 INFORMATION:**

This product does not contain any chemicals recognized by the state of California to cause cancer and/or birth defects or reproductive harm.

**SCAQMD INFORMATION:**

Is there a photochemically reactive material present? No  
What is the % by volume of photochemically reactive material? 0%  
What is the VOC content? 100g/L  
What is the vapor pressure of VOC's? <0.1 mm Hg @ 20°C

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**SECTION 10 NOTES**

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**HAZARD RATING SYSTEMS:**

	HMIS	NFPA
HEALTH	1	1
FLAMMABILITY	0	0
REACTIVITY	0	0

KEY  
4 = Severe  
3 = Serious  
2 = Moderate  
1 = Slight  
0 = Minimal

**REVISION SUMMARY:**

Change in header

**SUPERSEDES ISSUE DATE:**

February 7, 2002

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER  
FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 201-567-3000

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