



**MATERIAL SAFETY DATA SHEET**  
Penetone® Corporation, 700 Gotham Parkway, Carlstadt, NJ 07072

**PENPOWER™ 225L**

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Date Prepared: February 20, 2004  
MSDS No.: 3150-402N

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**SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION**

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PRODUCT NAME: PENPOWER 225L  
GENERAL USE: Cleaner, degreaser  
PRODUCT DESCRIPTION: Powdered alkaline cleaner  
GENERIC INGREDIENTS: Builders and surfactants

**EMERGENCY TELEPHONE NUMBERS: PENETONE 201-567-3000  
CHEMTREC 800-424-9300**

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**SECTION 2 HAZARDOUS INGREDIENT SECTION**

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This product is nonhazardous as defined in 29 CFR1910.1200.

**OSHA HAZARDOUS INGREDIENTS**

| CAS# | EXPOSURE LIMITS 8 hrs. TWA (mg/m <sup>3</sup> ) |           | Supplier |
|------|---|-----------|----------|
|      | OSHA PEL  | ACGIH TLV |          |

Contains no hazardous materials

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**SECTION 3 HEALTH INFORMATION & PROTECTION**

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**EMERGENCY OVERVIEW:**

**White free flowing powder, virtually odorless.  
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 and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

**INHALATION:**

Inhalation of powder may cause irritation to the respiratory tract.

**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:**

Safety glasses are recommended for all workplace conditions. Rubber gloves are recommended. After dilution and when spraying this product, splash proof goggles, rubber boots, aprons, gauntlets, or rain gear should be worn depending on operations.

**VENTILATION:**

None needed under normal use conditions. If dust is present, a dust mask or particle respirator is recommended. After dilution and when spraying this product, a dust mask or particle respirator is recommended.

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**SECTION 4 FIRE & EXPLOSION HAZARDS**

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**FLASH POINT:** None

**FLAMMABLE LIMITS:** Not applicable

**AUTOIGNITION TEMPERATURE:** Not applicable

**GENERAL HAZARD:**

This is a powder and presents no unusual hazards in a fire.

**FIRE FIGHTING:**

Cool containers with water.

**HAZARDOUS COMBUSTION PRODUCTS:**

Smoke, fumes, and oxides of carbon, phosphorus, and sulfur.

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**SECTION 5 SPILL CONTROL MEASURES**

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**LAND SPILL:**

Sweep up powdered material. Put all material into proper waste disposal container with lid tightly covered. Rinse area with plenty of water.

**WATER SPILL:**

Product is a powder and will dissolve in water. Undissolved powder should be recovered if possible. 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. Sodium tripolyphosphate is listed in the Clean Water Act. 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.

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

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**SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES**

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**BOILING POINT, °F:**

not applicable

**EVAPORATION RATE, Acetone = 1:**

not applicable

**SOLUBILITY IN WATER:**

soluble

**SPECIFIC GRAVITY at 75°F:**

not applicable

**ODOR AND APPEARANCE:**

White free flowing powder, virtually odorless

**VAPOR PRESSURE, mm Hg at 20°C:**

not applicable

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

not applicable

**WT% ORGANIC VOLATILES:**

not applicable

**pH:**

not applicable

1% solution = 11.7-12.2

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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. Addition of strong acids or water to this product may generate large amounts of heat and may cause splattering.

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**SECTION 9 REGULATORY INFORMATION**

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**DEPARTMENT OF TRANSPORTATION (DOT):****PROPER SHIPPING NAME:**

NONREGULATED (nonhazardous) MATERIAL

**HAZARD CLASS:** none

**IDENTIFICATION NUMBER:** none

**PACKING GROUP:** none

**LABEL:** not required

**FLASH POINT:** not applicable

**pH:** not applicable; 1% solution = 11.7-12.2

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

**CERCLA:**

This product contains the following reportable materials:

Sodium tripolyphosphate CAS# 7758-29-4 RQ = 5000 lbs

Releases exceeding the RQ must be reported to the National Response Center, 800-424-8802, and may be subject to state and local reporting.

**RCRA HAZARD CLASS:**

Nonhazardous waste

**SARA TITLE III:**

311/312 HAZARD CATEGORIES:

Acute health

313 REPORTABLE INGREDIENTS:

None

**CLEAN WATER ACT**

Sodium tripolyphosphate is listed as a hazardous substance under sodium phosphate tribasic.

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

This product contains sodium metasilicate (CAS# 6834-92-0), sodium tripolyphosphate (CAS# 7758-29-4), tetrasodium pyrophosphate (CAS# 7722-88-5), and sodium sulfate (CAS# 7752-82-6).

**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? 0

What is the vapor pressure of VOC's? 0

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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:**

March 21, 2000

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

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