

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Penblitz 228M

**Recommended use of the chemical and restrictions on use**

**Recommended use** Liquid alkaline cleaner  
**Restrictions on use** For industrial use only

**Supplier details**

West Penetone Inc.  
 10900 Secant  
 Montreal, QC,  
 H1J 5S1  
 Tel: 514-355-4660

**Emergency Telephone Number**

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

Skin Corrosion/Irritation	Category 1
Eye damage/Irritation	Category 1
Corrosive to metals	Category 1

**Label Elements**

**DANGER**

**Hazard Statements**

Causes severe skin burns and eye damage.  
 May be corrosive to metals.



**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash face, hands and any exposed skin thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Keep only in original packaging.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Wash contaminated clothing before reuse.  
 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
 Immediately call a POISON CENTER or doctor/physician.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
 Absorb spillage to prevent material damage.

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Tetrasodium EDTA	64-02-8	5-10
Ethoxylated alcohol	68439-46-3	1-5
Sodium metasilicate	6834-92-0	1-5
Alpha olefin sulfonate	68439-57-6	1-5

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Causes burns to eyes, skin and mucous membranes. Symptoms include tingling sensation and / or reddening of tissues.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

The product causes burns of eyes, skin and mucous membranes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong acids

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

None of the constituents in this product have a known exposure limit.

### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety goggles.

**Skin and body protection** Wear rubber or neoprene gloves, rubber apron and boots.

**Respiratory Protection** If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection should be worn.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Clear, colorless liquid

### **ODOR**

Faint detergent

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

13

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

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

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.07

### **SOLUBILITY IN WATER :**

Complete

**MELTING POINT / FREEZING POINT :**

Not available

**BOILING POINT/BOILING RANGE :**

100 °C

**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

**AUTO-IGNITION TEMPERATURE :**

None

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

&lt;10 cps

**FLAMMABLE LIMITS :****UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

**Conditions to Avoid**

Store away from incompatible materials.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None

**Incompatible Materials**

Strong acids

**Hazardous decomposition products**

None

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metasilicate 6834-92-0	600 mg/kg (Rat)	No data available	Not applicable
Ethoxylated alcohol 68439-46-3	> 2 g/kg ( Rat )	No data available	Not applicable
Alpha olefin sulfonate 68439-57-6	2310 mg/kg (Rat)	6300 mg/kg (Rat)	Not applicable
Tetrasodium EDTA 64-02-8	> 2000 mg/kg (Rat)	No data available	Not applicable

**Information on likely sources of exposure****Serious eye damage/irritation**

Corrosive to eyes and may cause grave lesions.

**Skin corrosion/irritation**

Corrosive to skin.

**Ingestion**

Ingestion may cause burns to the digestive and respiratory tract.

**Inhalation**

Spray mist may cause irritation or burns to respiratory tract.

**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization**

Not a sensitizer.

**Germ cell mutagenicity**

None known.

**Carcinogenicity**

No listed human carcinogens.

**Reproductive toxicity**

None known.

**STOT - single exposure**

No information available.

**STOT-repeated exposure**

No information available.

**Aspiration Hazard**

None.

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening of tissues, eventually leading to burn lesions.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available

**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

UN3266, corrosive liquid, basic, inorganic, n.o.s. (sodium metasilicate), class 8, PG III

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

January 2, 2017

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**