

PENBLITZ 688L

Page 1 of 6
Date prepared: October 18, 2024
SDS : 1936

1. IDENTIFICATION

Product Identifier

Product Name Penblitz 688L
Physical Description: Colorless viscous liquid with mild odor
Generic Ingredients: Water, sodium hydroxide, chelates, surfactants.

Recommended use of the chemical and restrictions on use

Recommended use Caustic 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
Acute oral toxicity	Category 4
Corrosive to metals	Category 1

Label Elements

DANGER

Hazard Statements

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



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.
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, or 911.
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, or 911.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician, or 911.

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight % (1)
Sodium hydroxide	1310-73-2	30-40

(1) Exact percentages being withheld under trade secret provision of OHSA HCS 1910.1200(i)

4. FIRST AID MEASURES**General Description of Symptoms & First-Aid Measures**Most likely work-place exposure routes will be *skin contact* or *inhalation*.For *skin contact*, a tingling or burning sensation might be felt almost immediately or soon after exposure. Slight reddening or minor irritation could also develop if product is not quickly washed off.*Inhalation* exposure may produce varied effects, particularly if exposure occurs above the recommended workplace exposure limits (see SECTION 8). Typical symptoms could include coughing, sneezing, and a tingling or burning sensation in the nose, throat, and lungs.**Note: This product is corrosive to all tissue, and immediate action is required to avoid serious injury or permanent damage to exposed tissue.**

Eye contact	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.
Skin contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
Ingestion	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 Acids, aluminum, zinc

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV
Sodium hydroxide 1310-73-2	STEL: 2 mg/m ³

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection Splash proof goggles or face shield.

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:

Colorless, viscous liquid

ODOR

None

ODOR THRESHOLD:

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.48

pH :
> 13.5
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

SOLUBILITY IN WATER :
Complete
PARTITION COEFFICIENT, N-OCTANOL/WATER :
Not available
AUTO-IGNITION TEMPERATURE :
None
DECOMPOSITION TEMPERATURE:
Not available
VISCOSITY:
Not available
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

Acids, aluminum, zinc

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide 1310-73-2	500 mg/kg (Rabbit LDLo)	1350 mg/kg (Rabbit)	Not applicable

Information on likely sources of exposure

Serious eye damage/irritation	Corrosive to eyes and may cause grave lesions, including blindness.
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 known.

Symptoms related to the physical, chemical and toxicological characteristics

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

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

Waste Disposal Method

Dispose of in accordance with federal, provincial/state, and local regulations.

Contaminated Packaging

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

Note: Contaminated product, soil, water, container residues and spill cleanup materials may be hazardous wastes. Appropriate hazardous waste designation is the responsibility of the user.

DOT and TDG

ID No.: UN1824

Proper Shipping Name: SODIUM HYDROXIDE SOLUTION

Hazard Class: 8

Packing Group: II

Label: CORROSIVE

Marine Pollutant: No

RQ (US): 5,000 lbs (about 500 gallons) of product for sodium hydroxide

Special Precautions: none

TSCA (US)

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

DSL

All ingredients are listed on the DSL.

RCRA (US) HAZARD CLASS

D002 - Corrosive hazardous waste

SARA 311/312 (US) REPORTABLE HAZARD CATEGORIES: Immediate (Acute) Health

REPORTING REQUIREMENTS (all quantities in pounds)[illegible]

This product contains water (CAS# 7732-18-5), sodium hydroxide (CAS# 1310-73-2), sodium gluconate (CAS# 527-07-1), and nitrilotris(methylene)phosphonic acid (CAS# 6419-19-8).

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

Is there a photochemically reactive material present? No
What is the % by volume of photochemically reactive material? 0
What is the VOC content? 0 g/l

Change in Header and Sections 2, 4, 13, 14, 15, 16

January 2, 2017

	HMIS	NFPA	KEY
HEALTH	3	3	4 = Severe
FLAMMABILITY	0	0	3 = Serious
REACTIVITY	0	0	2 = Moderate
	B		1 = Slight
			0 = Minimal

Preparation Date October 18, 2024

Revision Date October 18, 2024

Revision Note additional regulatory information in Sections 13-15
FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER
FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 201-567-3000 or 514-355-4660

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of SDS