SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier

Product Name Chlorigel

Recommended use of the chemical and restrictions on use

Recommended use Chlorinated alkaline gel
Restrictions on use Do not mix with acids

Supplier details

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

Emergency Telephone Number

West Penetone Inc: (514) 355-4660 8h-17h Monday to Friday
Poison Control Center (Emergency, 24 H): 1-844-POISON-X or 1-844-764-7669

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 victim 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 %
Sodium hydroxide	1310-73-2	5-10
Myristyl dimethyl amine oxide	3332-27-2	1-5
Sodium hypochlorite	7681-52-9	1-5
Sodium xylene sulfonate	1300-72-7	1-5

4. FIRST AID MEASURES

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

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 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, light green liquid
ODOR
Faint chlorine
ODOR THRESHOLD :
Not applicable

VAPOR PRESSURE, mm Hg AT 20ºC :
Not applicable
VAPOR DENSITY (Air = 1) :
Not applicable
RELATIVE DENSITY AT 20ºC:
1.12

pH :
> 13
MELTING POINT / FREEZING POINT :
Not available
BOILING POINT/BOILING RANGE :
100 ºC
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:
<10 cps
FLAMMABLE LIMITS :
UPPER: Not applicable **LOWER :** Not applicable

10. STABILITY AND REACTIVITY

Reactivity
Not reactive

Chemical Stability
Stable under normal conditions.

Incompatible Materials
Acids

Conditions to Avoid
Store away from incompatible materials.

Possibility of hazardous reactions
Chlorine gas is generated when mixed with acids.

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
Myristyl dimethyl amine oxide 3332-27-2	No data available	No data available	Not applicable
Sodium hypochlorite 7681-52-9	5.3 g/kg (Rat)	No data available	Not applicable
Sodium xylene sulfonate 1300-72-7	7200 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, 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.

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 hydroxide), class 8, PG III

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION

Preparation Date January 2, 2017
Revision Date June 27, 2025
Revision Note Updated emergency telephone number

Disclaimer
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End of SDS