

1. Product and Company Identification

Product Code: 05585
Product Name: Drainiac Drain Opener Gel
Company Name: Genlabs **Phone Number:**
 5568 Schaefer Ave. 1 (909)591-8451
 Chino, CA 91710
Web site address: www.genlabscorp.com
Emergency Contact: Chemtrec 1 (800)424-9300

Recommended Use: Drain Opener
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Aquatic Toxicity (Acute), Category 2
Skin Corrosion/Irritation, Category 1C
Serious Eye Damage/Eye Irritation, Category 2A
Target Organ Systemic Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: Toxic to aquatic life.
 Causes severe skin burns and eye damage.
 Causes serious eye irritation.
 May cause respiratory irritation.

GHS Precaution Phrases: Avoid release to the environment.
 Wear protective gloves, protective clothing, eye protection, face protection.
 Use only outdoors or in a well-ventilated area.
 Wash hands thoroughly after handling.
 Keep out of reach of children.

GHS Response Phrases: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 If swallowed: Call a Poison Center or doctor if you feel unwell.
 If on skin (or in hair): Gently wash with plenty of soap and water.

GHS Storage and Disposal Phrases: Dispose of contents and container according to the local, city, state and federal regulations. Store in cool dry place at room temperature away from direct sunlight.

Potential Health Effects (Acute and Chronic): Prolonged or repeated skin contact may cause dermatitis.
 Chronic: Effects may be delayed.

Inhalation: Causes chemical burns to the respiratory tract. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin Contact: Causes skin irritation. Causes skin burns. May cause deep, penetrating ulcers of the skin. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.

Eye Contact: Causes eye irritation. Causes eye burns. May cause chemical conjunctivitis and corneal damage.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhea, and shock.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7681-52-9	Sodium hypochlorite	Proprietary
1310-73-2	Sodium hydroxide	Proprietary
1344-09-8	Sodium silicate	Proprietary

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathed in, move person into fresh air.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Do not let this chemical enter the environment.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid breathing dust, mist, or vapor. Keep container tightly closed. Avoid contact with clothing and other combustible materials. Avoid ingestion and inhalation. Use with adequate ventilation.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Keep away from acids.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7681-52-9	Sodium hypochlorite	No data.	No data.	No data.
1310-73-2	Sodium hydroxide	PEL: 2 mg/m3	CEIL: 2 mg/m3	No data.
1344-09-8	Sodium silicate	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Always use a NIOSH approved respirator when necessary.
Eye Protection:	Safety glasses.
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Yellow color liquid with chlorine odor.	
Melting Point:	NE	
Boiling Point:	> 212.00 F	
Decomposition Temperature:	NE	
Autoignition Pt:	NE	
Flash Pt:	NE	
Explosive Limits:	LEL: N/A	UEL: N/A
Specific Gravity (Water = 1):	1.100	
Density:	~ 9.17 LB/GA	
Bulk density:	NE	
Vapor Pressure (vs. Air or mm Hg):	NE	
Vapor Density (vs. Air = 1):	NE	
Evaporation Rate:	NE	
Solubility in Water:	100%	
Saturated Vapor Concentration:	NE	
Viscosity:	Very Viscous	
pH:	11 - 13	
Percent Volatile:	No data.	
VOC / Volume:	0.0000 G/L	

Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: acids, organic matter, Extremes of temperature and direct sunlight.

Incompatibility - Materials To Avoid: Reacts with most common metals to produce hydrogen gas. Strong oxidizers, strong alkali materials, aluminum and soft metals.

Hazardous Decomposition Or Byproducts: Hydrogen chloride, chlorine, sodium oxide. Toxic fumes of sodium oxide, formed under fire conditions. Sodium oxides, silicon oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information: CAS# 7681-52-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7681-52-9	Sodium hypochlorite	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.
1344-09-8	Sodium silicate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Quart: Limited quantity.
Gallon or higher: UN1760, Corrosive Liquids, n.o.s., (Contains Sodium Hydroxide and Sodium Hypochlorite), 8, III. (Sodium hypochlorite, Sodium hydroxide)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN1760 **Packing Group:** II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: UN1760, Corrosive Liquids, n.o.s., (Contains Sodium Hydroxide and Sodium Hypochlorite), 8, III.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: UN1760, Corrosive Liquids, n.o.s., (Contains Sodium Hydroxide and Sodium Hypochlorite), 8, III.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: UN1760, Corrosive Liquids, n.o.s., (Contains Sodium Hydroxide and Sodium Hypochlorite), 8, III.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7681-52-9	Sodium hypochlorite	No	Yes 100 LB	No
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No
1344-09-8	Sodium silicate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7681-52-9	Sodium hypochlorite	CA PROP.65: No; CA TAC, Title 8: Title 8
1310-73-2	Sodium hydroxide	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
1344-09-8	Sodium silicate	CA PROP.65: No; CA TAC, Title 8: No

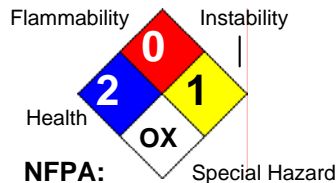
16. Other Information

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
PHYSICAL	1
PPE	C

HMIS:

12/31/2014



Revision Date:

Additional Information About PPE C: safety glasses, gloves, apron.

This Product:

Company Policy or Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.