SAFETY DATA SHEET

GASCÓ Drain Opener

Product codes: D10107, D10106
Version 8 | Issue date 2026-10-26 | Supersedes Version 7 (2026-07-01)

SECTION 1. IDENTIFICATION

Product identifier

Product name GASCÓ Drain Opener

Other means of identification GascóClean Drain Opener; Drain Opener

Product code	Package	Net contents	UPC
D10107	Case of 12 trigger-spray bottles	12 x 32 fl oz (946 mL)	787302101078
D10106	Case of 4 jugs	4 x 1 US gal (3.785 L)	787302101061

Recommended use and restrictions on use

Recommended use Highly alkaline liquid drain opener for the maintenance and unclogging of drains and pipes, including PVC, in restaurants, butcher shops, food processing plants and other institutional and industrial facilities. Use undiluted: clear debris from the drain opening, pour 20 to 50 mL of product slowly into the drain, wait 1 to 5 minutes, then flush the drain with water for 5 minutes. Do not let the product dry in the drain.

Restrictions on use For professional use. Do not use on aluminum, zinc, tin, chrome-plated, galvanized or painted surfaces, or in pipes or fittings made of these metals. Do not use in drains or fixtures that contain other drain openers, acids or cleaning products. Do not use a plunger or other tool while the product is in the drain. Do not mix with acids or with other cleaning products or chemicals.

Manufacturer or supplier

Company Gascó Industrial Corp.
Address Calle A Lote 3, Rincón Industrial Park, Gurabo, PR 00778
Mailing address PO Box 1360, Gurabo, PR 00778
Telephone (787) 737-4000
Email orders@gascoindustrial.com
Website www.gascoindustrial.com

Emergency telephone number

Poison Control 1-800-222-1222 (24 hours)

SECTION 2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Corrosive to metals Category 1
Acute toxicity (oral) Category 4
Skin corrosion/irritation Category 1
Serious eye damage/eye irritation Category 1

Label elements



Signal word
Danger

Hazard statements

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements

Prevention

P102	Keep out of reach of children.	**P234**	Keep only in original packaging.
P260	Do not breathe mists or vapors.	**P264**	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.		
P280	Wear protective gloves/protective clothing/eye protection/face protection.		

Response

P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a poison center/doctor.
P321	Specific treatment (see Section 4 of this Safety Data Sheet).
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.

Storage

P405	Store locked up.	**P406**	Store in a corrosion resistant container.

Disposal

P501	Dispose of contents/container in accordance with local, state and federal regulations.

Other hazards

Hazards of chemical reaction products	None known under the directions for use. Mixing with acids or acid drain openers generates heat and violent spattering, mixing with ammonium compounds releases ammonia gas, and contact with aluminum, zinc, tin or galvanized metal releases flammable hydrogen gas (see Section 10).
Hazards not otherwise classified (HNOC)	None known.
Other hazards which do not result in classification	Mist or spray of the product is corrosive to the nose, throat and respiratory tract. Pouring the product into a drain that holds acid, hot water or other chemicals can cause boiling and spattering. Contact with aluminum, zinc, tin or galvanized metal can release flammable hydrogen gas. Spilled product makes floors slippery.
Unknown acute toxicity	Approx. 26% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)	GHS classification
Sodium hydroxide	1310-73-2	10 to 30 (w/w)	Corrosive to metals, Category 1 (H290); Skin corrosion/irritation, Category 1A (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 3 (H402)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight. The exact percentage of sodium hydroxide has been withheld as a trade secret under 29 CFR 1910.1200(i); its concentration is given as a range.

SECTION 4. FIRST-AID MEASURES

Inhalation	Move the person to fresh air and keep at rest in a position comfortable for breathing. If the person is not breathing, call 911 or an ambulance, then give artificial respiration. Call Poison Control at 1-800-222-1222 or a doctor for further treatment advice.
Skin contact	Take off contaminated clothing and shoes immediately. Rinse skin immediately with plenty of water or shower for 15 to 20 minutes. Call Poison Control at 1-800-222-1222 or a doctor immediately for treatment advice. Wash contaminated clothing before reuse; discard contaminated leather shoes and belts.
Eye contact	Immediately hold the eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call Poison Control at 1-800-222-1222 or a doctor immediately and get medical attention without delay.
Ingestion	Call Poison Control at 1-800-222-1222 or a doctor immediately for treatment advice. Rinse mouth with water. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do

	so by Poison Control or a doctor. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, acute and delayed	Eyes: severe pain, redness and burns; may cause permanent eye damage, including blindness. Skin: redness, pain, blisters and deep chemical burns; alkali burns may not hurt at first and deepen if not washed off. Ingestion: harmful if swallowed; severe burns of the mouth, throat, esophagus and stomach, pain, vomiting and difficulty swallowing; may be fatal. Inhalation of mist: burning of the nose and throat, coughing and shortness of breath; fluid in the lungs may develop hours later after heavy exposure.
Immediate medical attention and special treatment	Treat as a concentrated alkali burn. Do not attempt to neutralize. Probable mucosal damage may contraindicate the use of gastric lavage. After ingestion, assess promptly for injury to the esophagus and stomach. After eye contact, an eye specialist should examine the eye. Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	The product does not burn. Use extinguishing media suitable for the surrounding fire. Use water spray to cool exposed containers.
Unsuitable extinguishing media	Do not use a solid water stream; it may scatter the corrosive liquid.
Specific hazards arising from the chemical	Not flammable. The product is a water-based solution and has no flash point. Contact with aluminum, zinc, tin or galvanized metal can release flammable hydrogen gas. Containers may rupture when heated.
Hazardous combustion products	The product does not burn. In a fire it may give off corrosive sodium oxide and sodium hydroxide fumes; hydrogen may form in contact with reactive metals.
Special protective equipment and precautions for fire-fighters	Wear positive-pressure self-contained breathing apparatus and full protective fire-fighting gear, with chemical-resistant clothing where contact with the product is possible. Cool containers exposed to fire with water spray from a safe distance. Contain runoff from fire control; it is alkaline and corrosive.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep unprotected personnel away. Ventilate the area. Avoid contact with eyes, skin and clothing and avoid breathing mist. Wear the protective equipment listed in Section 8, including goggles, a face shield, chemical-resistant gloves, apron and boots. Spilled product makes floors very slippery.
Environmental precautions	Prevent spilled product from entering drains, sewers and waterways; the product is strongly alkaline and its high pH harms aquatic life (see Section 12). Notify the authorities if a spill reaches sewers or waterways, as required by applicable regulations.
Methods and materials for containment and cleaning up	Stop the leak if it can be done without risk. Contain the spill with sand, earth or another inert, non-metallic absorbent; do not use sawdust or other combustible absorbents. Collect the absorbed material with plastic tools in closed, labeled plastic containers for disposal. Rinse the area with plenty of water and prevent the rinse water from entering drains unless local rules allow it.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	Do not get in eyes, on skin or on clothing. Do not breathe mist or spray. Wear the protective equipment listed in Section 8. Pour slowly and directly into the drain opening to avoid splashing; keep your face away from the drain. Do not pour into a drain that holds acids, other drain openers or cleaning products. If the product must be diluted, add it slowly to cold water, never water to the product; the mixture becomes hot. Do not mix with acids or with other cleaning products or chemicals. Do not use on aluminum, zinc, tin or galvanized metal. Use with adequate ventilation. Use only as directed on the product label. Wash thoroughly with soap and water after handling. Keep out of reach of children.
Conditions for safe storage, including any incompatibilities	Store in the original, closed container, upright, in a cool, well-ventilated area, out of direct sunlight and away from heat. Store locked up. Protect from freezing. Keep away from acids and the other incompatible materials listed in Section 10. Store away from food and food packaging materials. Do not store in aluminum, galvanized or other reactive metal containers; the original plastic containers are suitable.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Component	CAS number	OSHA PEL	ACGIH TLV	NIOSH REL	IDLH
Sodium hydroxide	1310-73-2	2 mg/m³ TWA	2 mg/m³ ceiling	2 mg/m³ ceiling	10 mg/m³

Components without established occupational exposure limits: Water.

Exposure controls and personal protective equipment

Other exposure guidelines	Water, the only other ingredient, has no exposure limit.
Engineering controls	General ventilation is normally adequate for use as directed. Use local exhaust ventilation where mist is generated in enclosed areas. Provide an eyewash station and safety shower close to the work area.
Eye and face protection	Chemical splash goggles, and a face shield when pouring the product or wherever splashing is likely.
Hand protection	Alkali-resistant gloves, such as nitrile, neoprene, butyl rubber or polyvinyl chloride. Confirm breakthrough time with the glove manufacturer for the conditions of use.
Body protection	Long sleeves, a chemical-resistant apron and chemical-resistant boots when handling the product.
Respiratory protection	Not normally required with adequate ventilation when used as directed. If mist exposure may exceed the limits, use a NIOSH-approved respirator with P100 particulate filters, under a respiratory protection program that meets 29 CFR 1910.134.
General hygiene	Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Color**	Clear, colorless
Odor	Odorless	**Odor threshold**	No data available
Melting point/freezing point	No data available	**Initial boiling point and boiling range**	Above 100 °C (212 °F) (aqueous solution)
Flammability	Not flammable	**Flammability limits in air**	Not applicable
Flash point	No flash point (water-based solution)	**Auto-ignition temperature**	Not applicable
Decomposition temperature	No data available	**pH**	Greater than 13 (undiluted)
Kinematic viscosity	No data available	**Dynamic viscosity**	No data available
Solubility in water	Completely miscible	**Partition coefficient n-octanol/water (log value)**	No data available
Vapor pressure	Less than 2.3 kPa (17 mmHg) at 20 °C (68 °F), the vapor pressure of water; only water evaporates	**Evaporation rate**	No data available
Density	Approx. 1.26 g/cm³ (10.5 lb/US gal), calculated from the batch formula	**Relative density (water = 1)**	Approx. 1.26
Relative vapor density (air = 1)	No data available	**Particle characteristics**	Not applicable
Refractive index	No data available		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Strongly alkaline. Reacts violently with acids, generating heat. Dilution with water releases heat. Corrodes aluminum, zinc, tin and galvanized metal, releasing flammable hydrogen gas.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Contact with acids causes a violent reaction with heat and spattering. Contact with ammonium salts releases ammonia gas. Contact with aluminum, zinc, tin or galvanized metal releases flammable hydrogen gas. Reacts with some organic compounds, such as halogenated solvents and nitro compounds. Hazardous polymerization does not occur.
Conditions to avoid	Freezing, heat and contact with incompatible materials.
Incompatible materials	Acids and acid cleaners, ammonium salts, strong oxidizing agents, halogenated organic compounds, leather, wool, and aluminum, zinc, tin, galvanized metal and other reactive metals.
Hazardous decomposition products	None expected under normal conditions of storage and use. Hydrogen in contact with reactive metals. When heated to dryness: sodium oxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, inhalation of mist or spray, and ingestion.
Symptoms	Eyes: severe pain, redness and burns; may cause permanent damage, including blindness. Skin: redness, pain, blisters and deep chemical burns; alkali burns may not hurt at first. Ingestion: harmful if swallowed; severe burns of the mouth, throat, esophagus and stomach, pain, vomiting and difficulty swallowing. Inhalation of mist: burning of the nose and throat and coughing.
Delayed and immediate effects and chronic effects	Immediate: severe burns of the eyes, skin and mucous

membranes. Delayed: alkali burns may deepen for hours if the product is not washed off; narrowing of the esophagus may follow swallowing. Chronic: repeated contact with dilute solutions may dry or irritate the skin.

Acute toxicity	Oral: Category 4 (H302), harmful if swallowed (calculated from the oral LD50 of sodium hydroxide). Dermal and inhalation: not classified.
Acute toxicity estimates (ATE)	Oral: approx. 1,200 mg/kg (calculated). Dermal: approx. 5,100 mg/kg (calculated). Inhalation: no data available.
Skin corrosion/irritation	Category 1. Causes severe skin burns. Calculated: the product contains 10 to 30% of sodium hydroxide classified Category 1A, and is strongly alkaline.
Serious eye damage/eye irritation	Category 1. Causes serious eye damage, which may be permanent.
Respiratory or skin sensitization	Not classified. The sodium hydroxide is not a skin or respiratory sensitizer.
Germ cell mutagenicity	Not classified. The sodium hydroxide is not classified as a germ cell mutagen.
Carcinogenicity	Not classified. No ingredient is listed as a carcinogen or potential carcinogen by NTP, IARC or OSHA.
Reproductive toxicity	Not classified
Specific target organ toxicity, single exposure	Not classified. Mist of the product is corrosive to the respiratory tract (see Section 2).

Specific target organ toxicity, repeated exposure	Not classified	**Aspiration hazard**	Not classified
Interactive effects	None known		

Component data: Sodium hydroxide

LD50 oral, rabbit	325 mg/kg	**LD50 dermal, rabbit**	1,350 mg/kg
Skin corrosion	Corrosive (Category 1A)	**Serious eye damage**	Causes serious eye damage
Skin sensitization	Not sensitizing		

SECTION 12. ECOLOGICAL INFORMATION

Component data: Sodium hydroxide

LC50 fish, 96 h	125 mg/L (Gambusia affinis)	**LC50 daphnia, 48 h**	40 mg/L (Ceriodaphnia dubia)

Persistence, bioaccumulation, mobility and other effects

Persistence and degradability	Not applicable to sodium hydroxide. It is neutralized in natural waters and in soil.
Bioaccumulative potential	The sodium hydroxide does not bioaccumulate.
Mobility in soil	The product is miscible with water and mobile in soil until neutralized.
Other adverse effects	Based on its ingredients, the product meets the GHS criteria for hazardous to the aquatic environment, acute Category 3 (harmful to aquatic life, from its high pH), a class that OSHA does not adopt. Not classified for long-term aquatic hazard. The product is strongly alkaline and can raise the pH of receiving waters. Do not release spilled product to surface water, sewers or storm drains.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Product used as directed is flushed down the drain with water. Dispose of unused or spilled product and its container at a permitted hazardous waste facility in accordance with local, state and federal regulations. Do not discharge to storm drains or waterways. Do not mix the waste with acids.
RCRA waste code	D002 (corrosive waste) when discarded, because the pH is 12.5 or higher (40 CFR 261.22). Not ignitable (D001): the product is a water-based solution with no flash point.
Contaminated packaging	Empty containers retain residue. Rinse them with water, flush the rinse water down a drain with plenty of water where local rules allow it, and dispose of the rinsed containers in accordance with local regulations. Do not reuse them.

SECTION 14. TRANSPORT INFORMATION

	DOT (US ground)	IMDG (sea)	IATA (air)
UN number	UN1824	UN1824	UN1824
UN proper shipping name	Sodium hydroxide solution	Sodium hydroxide solution	Sodium hydroxide solution

	DOT (US ground)	IMDG (sea)	IATA (air)
Transport hazard class	8	8	8
Packing group	II	II	II
Hazard labels	Corrosive	Corrosive	Corrosive
Marine pollutant	No	No	Not applicable

Emergency response guide ERG Guide 154

Transport in bulk according to MARPOL Annex II Not applicable (shipped in packages, not in ship tanks)

12 x 32 fl oz case (D10107) Each 946 mL bottle is within the 1 L inner packaging limit for a Class 8, packing group II limited quantity (49 CFR 173.154(b)). By highway or rail the case, about 14.5 kg (32 lb) of product, may ship as a limited quantity: strong outer packaging of 30 kg (66 lb) gross or less, limited quantity mark and orientation arrows; no Corrosive label, placard or shipping paper.

4 x 1 US gal case (D10106) Each 3.785 L jug exceeds the 1 L inner packaging limit for a packing group II limited quantity, so the case is fully regulated: UN specification combination packaging tested to the packing group II performance level (49 CFR 173.202), with the UN1824 and proper shipping name marks, Corrosive label, orientation arrows, shipping paper and emergency response information.

Special precautions for user Keep away from acids during transport. Keep containers upright and closed.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication This product is a hazardous chemical under 29 CFR 1910.1200.

TSCA inventory The ingredients listed in Section 3 are listed as active on the TSCA Inventory.

SARA 302 No ingredient is listed as an extremely hazardous substance.

SARA 311/312 Corrosive to metal; acute toxicity (any route of exposure); skin corrosion or irritation; serious eye damage or eye irritation.

SARA 313 No ingredient listed in Section 3 is subject to the supplier notification requirements of 40 CFR 372.

CERCLA reportable quantity The sodium hydroxide (Section 3) is a CERCLA hazardous substance with a reportable quantity (RQ) of 1,000 lb (454 kg). Based on the upper limit of its Section 3 concentration range, evaluate releases of about 3,300 lb (about 315 US gal) or more of the product for reporting to the National Response Center (40 CFR 302.6).

Clean Water Act The sodium hydroxide is a section 311 hazardous substance (40 CFR 116.4).

New Jersey right-to-know Contains a substance on the New Jersey right-to-know hazardous substance list.

Pennsylvania right-to-know Contains a substance on the Pennsylvania right-to-know hazardous substance list.

Massachusetts right-to-know Contains a substance on the Massachusetts right-to-know list.

California Proposition 65 No ingredient listed in Section 3 is on the Proposition 65 list.

SECTION 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of preparation or last revision

Issue date 2026-10-26 **Version** 8

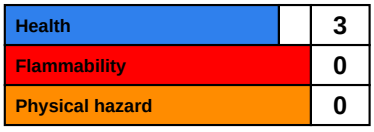
Supersedes Version 7 (2026-07-01)

Hazard ratings

NFPA 704



HMIS



NFPA 704 ratings run from 0 (minimal hazard) to 4 (severe hazard). HMIS rating scale: 0 minimal, 1 slight, 2 moderate, 3 serious, 4 severe. Personal protection: see Section 8.

NFPA 704 and HMIS ratings are provided for reference only and are not part of the GHS classification.

Disclaimer

The information in this Safety Data Sheet is believed to be accurate as of the issue date and is given in good faith as a guide to safe handling, use, storage, transport and disposal. It is not a product specification and no warranty, express or implied, is made. Users must determine the suitability of the product for their own purposes and comply with all applicable laws and regulations. Gascó Industrial Corp. accepts no liability for loss or damage resulting from the use of this information or of the product.

Document control (Section 16, continued)

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Revision history

Version	Date	Summary of changes
8	2026-10-26	Full revision: all sections reviewed and updated.
7	2026-07-01	Previous edition.

Review and approval

Role	Name	Title	Signature	Date
Prepared by	Quality Assurance	Gascó Industrial Corp.		
Reviewed by	Dan N. Bigman-Montalvo	CEO, Gascó Industrial Corp.		
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Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200.

End of Safety Data Sheet | Page 7 of 7