



SAFETY DATA SHEET (SDS)

2. Product and Company Identification

Trade name of product: FoamyChlor

Product use: Foaming chlorinated cleaner and degreaser.

Product code: D13001, D13002, D13003

Manufacturer information: Gascó Industrial
www.gascoindustrial.com
PO Box 1360
Gurabo PR 00778
t. 787-737-4000 f. 787-737-4084

Emergency telephones: (24 hours) **In case of poisoning:** 1-800-222-1222
Transport: 1-787-712-8745

1. Hazards Identification

Physical state: Liquid **Signal Word:** DANGER

Precautionary Statements Summary:

Skin corrosion: Category 1A
Serious eye damage : Category 1

Wear protective gloves. Wash hands after handling. Do not breathe fume/ gas/ mist/ vapor.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.



PICTOGRAMA
GHS

Hazard Statements.

See section 11 for additional toxicological information.

Eyes: Causes severe eye damage.

Skin: Causes severe eye damage.

Inhalation: None.

Ingestion: None.

3. Composition/Information About Hazardous Ingredients

Name	CAS Number	Composition range (%W/W)
Sodium Hypochlorite	7681-52-9	20-30
Potassium Hydroxide	1310-58-3	5-10
Amine Oxide	1643-20-5	1-5

4. First Aid Measures

- Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. Wash clothing before reuse.
- Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.
- Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. Fire-fighting Measures

- Combustion products:** Carbon oxides, chlorine gas.
- Suitable extinguishing media:** Water spray, fog or foam.
- Flammable properties:** Not combustible. Will not sustain combustion.
- Protection of fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

- Personal precautions:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Environmental precautions:** Avoid contact of spilled material and runoff with soil and surface waterways.
- Cleaning Methods:** Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, vermiculite) and place in container for disposal according to Local & Federal regulations. Flush away traces with water. Ensure runoff does not reach a waterway.

7. Handling and Storage

- Handling:** Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with acid or ammonia – will cause release of chlorine gas.
- Storage:** Keep out of reach of children. Keep container closed. Store in a cool, dry place. Keep away from strong bases. Storage temperature 15 °C to 40 °C.

8. Exposure Controls/Personal Protection

Engineering Controls:

Use only with adequate ventilation. If user operations generate vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Personal Protective Equipment:

Eyes: Safety goggles, face shield.
Skin: Use chemical-resistant, impervious gloves.
Respiratory: No protective equipment is needed under normal use conditions.

9. Physical and Chemical Properties

Physical state	Liquid	Viscosity	5 cps	Flash point	N/A
Odor	Chlorine	Boiling point	>100C	Partition coefficient (octanol/water)	N/A
Color	Yellow	Freezing Point	<0C	Vapor pressure	N/A kPa
pH	12-13	Solubility in water	Complete	Decomposition Temperature	N/A
Relative Density (g/mL)	1.20	Flammability	N/A	Exposivity Limit	N/A
Auto-ignition temperature	N/A	Vapor density	N/A		

10. Stability and Reactivity

Chemical stability:

Stable under normal conditions.

Conditions to avoid:

Do not mix with acid or ammonia – will cause release of chlorine gas.

Incompatible materials:

Metals, acids, ammonia, organic materials.

Hazardous decomposition products:

Carbon oxides, nitrogen oxides (NOx), Sulfur oxides, Oxides of phosphorus.

Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

11. Toxicological Information

Chronic toxicity:

No known significant effects or critical hazards.

Carcinogenicity:

No known significant effects or critical hazards.

12. Ecological Information

Ecotoxicity: Toxic to aquatic life.

13. Disposal Considerations

**Waste disposal method/
unused product:** Avoid elimination. Try to use the product completely according to the intended use. Disposal must be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

Ground Transport (US DOT): DOT Classification UN1791 DOT Shipping name: Hypochlorite solutions.

Air Transport (ICAO / IATA): Not regulated.

Marine/Water Transport (IMDG): Class 8, Packing Group III.

15. Regulatory Information

HCS Classification: Not regulated.

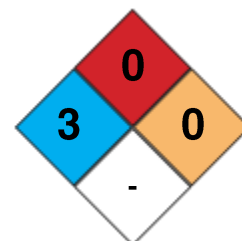
EPA Registration Number: Not regulated

16. Other Information

Hazardous Materials Information System (HMIS)

Health	3
Flamability	0
Physical hazards	0

**National Fire
Protection
Association (NFPA)**



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