SAFETY DATA SHEET

GASCÓ Hospital & Critical Area Disinfectant

Product code: D10092

Version 3 | Issue date 2026-10-26 | Supersedes Version 2 (2026-09-30)

SECTION 1. IDENTIFICATION

Product identifier

Product name GASCÓ Hospital & Critical Area Disinfectant

Other means of identification GASCÓ Hospital and Critical Area Disinfectant

EPA registration number 6836-364-81974 **EPA establishment number** 81974-PR-001

Product code	Package	Net contents	UPC
D10092	Case of 4 x 1 US gal jugs	4 x 1 US gal (4 x 3.78 L)	787302100927

Recommended use and restrictions on use

Recommended use Hard-surface cleaner concentrate. Use according to the product label.

Restrictions on use For industrial, institutional and professional use. Do not mix with other 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

Acute toxicity (inhalation) Category 4

Skin corrosion/irritation Category 1

Serious eye damage/eye irritation Category 1

Label elements



Signal word

Danger

Hazard statements

H332 Harmful if inhaled.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Precautionary statements

Prevention

P102 Keep out of reach of children.

P260 Do not breathe mists or vapors.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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.

Storage

P405 Store locked up.

Disposal

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

Other hazards

Hazards of chemical reaction products None known

Hazards not otherwise classified (HNOC) None known

Other hazards which do not result in classification Very toxic to aquatic life (see section 12). Contact with acids releases carbon dioxide gas. The product label states that the product is harmful if swallowed or absorbed through the skin; the calculated acute oral and dermal toxicity estimates are above the OSHA Category 4 limits (see section 11).

Unknown acute toxicity Approx. 2%, 6% and 4% of the mixture consist of ingredients of unknown acute oral, dermal and inhalation toxicity, respectively.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)	GHS classification
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides Synonym: Alkyl dimethyl benzyl ammonium chloride	53516-76-0	2.25 (w/w)	Acute toxicity (oral), Category 4 (H302); Acute toxicity (inhalation), Category 2 (H330); Skin corrosion/irritation, Category 1 (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 1 (H400); Hazardous to the aquatic environment, long-term hazard, Category 1 (H410)
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides Synonym: Alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	2.25 (w/w)	Acute toxicity (oral), Category 4 (H302); Acute toxicity (inhalation), Category 2 (H330); Skin corrosion/irritation, Category 1 (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 1 (H400); Hazardous to the aquatic environment, long-term hazard, Category 1 (H410)
Alkaline salt	Trade secret	1 to 5 (w/w)	Serious eye damage/eye irritation, Category 2A (H319)
Fragrance	Trade secret	0.1 to 1 (w/w)	Acute toxicity (oral), Category 4 (H302); Skin corrosion/irritation, Category 2 (H315); Skin sensitization, Category 1B (H317); Reproductive toxicity, Category 2 (H361); Hazardous to the aquatic environment, acute hazard, Category 2 (H401); Hazardous to the aquatic environment, long-term hazard, Category 2 (H411)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight. The specific chemical identities and exact percentages of the alkaline salt and fragrance have been withheld as a trade secret under 29 CFR 1910.1200(i); their concentrations are given as ranges.

SECTION 4. FIRST-AID MEASURES

Inhalation Move the person to fresh air and keep comfortable for breathing. Call Poison Control at 1-800-222-1222 or a doctor if the person feels unwell or if coughing or throat irritation develops or persists.

Skin contact Take off immediately all contaminated clothing and shoes. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call Poison Control at 1-800-222-1222 or a doctor immediately. Wash clothing before reuse.

Eye contact 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. 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. 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. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, acute and delayed Eyes: pain, redness, tearing and burns; may cause permanent eye damage, including blindness. Skin: redness, pain, blisters and burns. Ingestion: burns of the mouth, throat and stomach, with nausea and

	vomiting. Inhalation of mist: irritation of the nose, throat and airways, with coughing. Delayed: eye damage may progress over several hours.
Immediate medical attention and special treatment	Treat symptomatically. Probable mucosal damage may contraindicate the use of gastric lavage. Take the product label or this Safety Data Sheet when seeking treatment.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use media appropriate to the surrounding fire.
Unsuitable extinguishing media	Do not use a high-volume water jet; it may scatter the product and spread contamination.
Specific hazards arising from the chemical	The product is an aqueous solution and does not burn. In a fire, heating or evaporation to dryness may release irritating and toxic gases. Runoff from fire control is corrosive and very toxic to aquatic life.
Hazardous combustion products	Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride and sodium oxides.
Special protective equipment and precautions for fire-fighters	Wear positive-pressure self-contained breathing apparatus and full protective fire-fighting gear. Cool containers exposed to fire with water spray. Contain runoff from fire control and keep it out of drains and waterways.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep unprotected personnel away. Wear the protective equipment listed in section 8. Avoid contact with eyes, skin and clothing and avoid breathing mist. Spills make floors slippery.
Environmental precautions	Prevent entry into drains, sewers and waterways. Notify the authorities if the product 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, vermiculite or another inert absorbent. Collect the absorbed material into a closed, labeled container for disposal (see section 13). Rinse the spill area with water and collect the rinse water for disposal; do not flush it to drains.

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. Dilute only as directed on the product label, adding the product to water. Do not mix with other chemicals, especially acids or oxidizing agents such as bleach. Keep containers closed when not in use. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
Conditions for safe storage, including any incompatibilities	Store in the original container, tightly closed, at 5 to 40 °C (41 to 104 °F) in a dry, well-ventilated area away from direct sunlight. Protect from freezing. Store locked up, in an area inaccessible to children. Do not contaminate water, food or feed by storage or disposal. Keep away from acids, oxidizing agents and the other incompatible materials listed in section 10. Do not store in aluminum or galvanized containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

No component of this product has an established occupational exposure limit.

Exposure controls and personal protective equipment

Biological limit value	No biological exposure indices have been set for the ingredients.
Engineering controls	General ventilation is normally adequate; use local exhaust ventilation where mist or spray is generated. Provide an eyewash station and safety shower near where the concentrate is handled.
Eye and face protection	Chemical splash goggles. Add a face shield when pouring, mixing or transferring the concentrate.
Hand protection	Chemical-resistant gloves, such as nitrile, neoprene or butyl rubber. Confirm breakthrough time with the glove manufacturer for the conditions of use.
Body protection	Long sleeves and a chemical-resistant apron when handling the concentrate. Chemical-resistant boots where spills are likely.
Respiratory protection	Not normally required with adequate ventilation. Where mist or spray is generated, use a NIOSH-approved respirator with a particulate filter (N95 or better) within its assigned protection factor. Follow a respiratory protection program that meets 29 CFR 1910.134.
General hygiene	Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash it before reuse. Do not eat, drink or smoke in work areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Color**	Pink
Odor	Floral	**Odor threshold**	No data available
Melting point/freezing point	No data available	**Initial boiling point and boiling range**	Approx. 100 °C (212 °F)
Flammability	Not flammable (aqueous solution)	**Flammability limits in air**	Not applicable (not flammable)
Flash point	Not expected to flash (aqueous solution)	**Auto-ignition temperature**	No data available
Decomposition temperature	No data available	**pH**	Approx. 11.7 to 11.9
Kinematic viscosity	No data available	**Solubility in water**	Completely miscible
Partition coefficient n-octanol/water (log value)	Not applicable (mixture). Alkyl dimethyl benzyl ammonium chloride: log Kow 2.75		
Vapor pressure	Approx. 2.3 kPa (17.5 mmHg) at 20 °C (68 °F) (as water)		
Evaporation rate	Approx. 0.3 (as water, n-butyl acetate = 1)		
Density	Approx. 1.03 g/cm³ (8.6 lb/US gal) at 20 °C (68 °F)		
Relative density (water = 1)	Approx. 1.03 at 20 °C (68 °F)	**Relative vapor density (air = 1)**	Approx. 0.62 (as water vapor)
Particle characteristics	Not applicable		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions are known under normal conditions of storage and use.
Chemical stability	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions	Reacts with acids, releasing carbon dioxide gas with foaming, which can build pressure in closed containers. Mixing with oxidizing agents such as bleach may release irritating gases. Hazardous polymerization does not occur.
Conditions to avoid	Temperatures above 40 °C (104 °F), freezing, direct sunlight and contact with incompatible materials.
Incompatible materials	Acids, strong oxidizing agents (including bleach), anionic detergents and soaps, and aluminum, zinc and galvanized metal.
Hazardous decomposition products	Carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride when heated to dryness or burned. None expected under normal conditions of storage and use.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, ingestion and inhalation of mist.
Symptoms	Eyes: pain, redness, tearing and burns; may cause permanent eye damage, including blindness. Skin: redness, pain, blisters and burns. Ingestion: burns of the mouth, throat and stomach, with nausea and vomiting. Inhalation of mist: irritation of the nose, throat and airways, with coughing.
Delayed and immediate effects and chronic effects	Immediate: burns of the eyes, skin and digestive tract. Delayed: eye damage may progress over several hours. Chronic: repeated skin contact with the diluted product may cause dryness and irritation.
Acute toxicity	Category 4 by inhalation: harmful if mist or spray is inhaled. Not classified by the oral and dermal routes: the acute toxicity estimates are above the Category 4 limits. The product label states that the product is harmful if swallowed or absorbed through the skin. Swallowing the product causes burns of the digestive tract.
Acute toxicity estimates (ATE)	Oral: approx. 4,050 mg/kg (calculated). Dermal: greater than 5,000 mg/kg (calculated). Inhalation (mist): approx. 1.0 mg/L (calculated). Approx. 2%, 6% and 4% of the mixture consist of ingredients of unknown acute oral, dermal and inhalation toxicity, respectively.
Skin corrosion/irritation	Category 1 (calculated). Causes severe skin burns. The quaternary ammonium compounds are corrosive to skin, and the product is alkaline.
Serious eye damage/eye irritation	Category 1 (calculated). Causes serious eye damage, which may be permanent.
Respiratory or skin sensitization	Not classified. The quaternary ammonium compounds were not sensitizing in animal tests. The fragrance contains skin sensitizers below the concentration that classifies the product; persons who are already sensitized may react.
Germ cell mutagenicity	Not classified. The quaternary ammonium compounds were negative in bacterial, mammalian cell and animal tests.
Carcinogenicity	Not classified. NTP, IARC and OSHA: no ingredient listed in section 3 is listed as a carcinogen.
Reproductive toxicity	Not classified. Alkyl dimethyl benzyl ammonium chloride did

not affect fertility in two-generation studies in rats. The fragrance contains a substance classified as Reproductive toxicity, Category 2 (H361), at less than 0.2% of the product, below the 3% that would classify the product.

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

Component data: n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides

LD50 oral, rat	Approx. 344 mg/kg	**LD50 dermal, rabbit**	3,412 mg/kg
LC50 inhalation, rat (aerosol)	Between 0.054 and 0.51 mg/L	**Skin, rabbit, 4 h**	Corrosive
Skin sensitization, guinea pig	Not sensitizing		
Mutagenicity	Negative (Ames, chromosome aberration, gene mutation, DNA repair and mouse micronucleus tests)		
Fertility, rat, two generations	No effects on fertility		

Component data: n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides

Acute toxicity, skin and eye effects	No data specific to this compound. It belongs to the same chemical group as alkyl dimethyl benzyl ammonium chloride, whose data are used.

Component data: Alkaline salt

LD50 oral, rat	2,800 mg/kg	**LD50 dermal, rabbit**	Greater than 2,000 mg/kg
LC50 inhalation, rat, 2 h	2,300 mg/m³	**Eyes, rabbit**	Irritating

SECTION 12. ECOLOGICAL INFORMATION

Component data: n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides

LC50 fish, 96 h	0.515 mg/L (bluegill)	**NOEC fish, 34 days**	0.0322 mg/L (fathead minnow)
EC50 daphnia, 48 h	0.016 mg/L (Daphnia magna)	**NOEC daphnia, 21 days**	0.00415 mg/L or more (Daphnia magna)
ErC50 algae, 72 h	0.049 mg/L (green alga)	**M-factors**	Acute 10; chronic 1

Component data: n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides

Aquatic toxicity	No data specific to this compound. It belongs to the same chemical group as alkyl dimethyl benzyl ammonium chloride, whose data are used.

Component data: Alkaline salt

LC50 fish, 96 h	300 mg/L (bluegill)	**EC50 daphnia, 48 h**	200 to 227 mg/L (Ceriodaphnia dubia)

Persistence, bioaccumulation, mobility and other effects

Persistence and degradability	The quaternary ammonium compounds are readily biodegradable (72 to 99% in 28 days) but bind strongly to sludge, soil and sediment.
Bioaccumulative potential	Low. Alkyl dimethyl benzyl ammonium chloride: bioconcentration factor 79 (bluegill).
Mobility in soil	Low for the quaternary ammonium compounds, which bind strongly to soil and sediment (alkyl dimethyl benzyl ammonium chloride: Koc 282,624 L/kg). The other ingredients are soluble in water and mobile.
Other adverse effects	Very toxic to aquatic life; toxic to aquatic life with long lasting effects. GHS classification (calculated; not OSHA hazard classes): Aquatic Acute 1 (H400) and Aquatic Chronic 2 (H411). Do not release the concentrate to drains or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Do not contaminate water, food or feed by disposal. If excess product, use solution or rinse water cannot be used according to the product label, contact your state environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance. Dispose of contents in accordance with local, state and federal regulations. Do not discharge the concentrate to sewers, drains or waterways.
RCRA waste code	The concentrate (pH approx. 11.7 to 11.9) is not expected to be a corrosive waste (D002, pH 12.5 or higher). The generator must determine the waste status.
Contaminated packaging	Nonrefillable container. Do not reuse or refill the container. Clean the container promptly after emptying. Triple rinse as follows: fill the container one-quarter full with water and reclose it, agitate

vigorously, and dispose of the rinse water as described above; repeat two more times. Then puncture the container and dispose of it in a sanitary landfill, or by other procedures approved by state and local authorities. If not triple rinsed, dispose of the container as hazardous waste in accordance with local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

	DOT (US ground)	IMDG (sea)	IATA (air)
UN number	UN1903	UN1903	UN1903
UN proper shipping name	Disinfectants, liquid, corrosive n.o.s. (quaternary ammonium compounds)	DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (quaternary ammonium compounds)	Disinfectant, liquid, corrosive, n.o.s. (quaternary ammonium compounds)
Transport hazard class	8	8	8
Packing group	II	II	II
Hazard labels	Corrosive	Corrosive	Corrosive
EmS	Not applicable	F-A, S-B	Not applicable
Marine pollutant	Yes	Yes	Not applicable
Notes	Not a DOT hazardous substance (no reportable quantity). Limited quantity provisions do not apply: the 1 US gal (3.78 L) jugs exceed the 1 L inner packaging limit for packing group II.	Stowage category B. Marine pollutant provisions do not apply to inner packagings of 5 L or less, such as these jugs (IMDG Code 2.10.2.7).	Maximum net quantity per package: 1 L on passenger aircraft, 30 L on cargo aircraft only, with inner packagings of no more than 2.5 L on cargo aircraft (49 CFR 173.27(f)). The 1 US gal (3.78 L) jugs exceed these limits, so this case cannot be shipped by air.

Emergency response guide ERG Guide 154

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

DOT packaging Ship the case in a UN specification combination packaging that meets the packing group of the shipping description (49 CFR 173.202 for packing group II, 173.203 for packing group III), marked with the proper shipping name and UN1719 and labeled Corrosive.

Special precautions for user Keep containers upright and closed, away from acids and oxidizing agents.

SECTION 15. REGULATORY INFORMATION

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

TSCA inventory Not applicable. This product is a pesticide registered under FIFRA and is excluded from the TSCA definition of chemical substance when distributed for use as a pesticide.

SARA 302 extremely hazardous substances Not listed

SARA 311/312 hazard categories Acute toxicity (any route of exposure); skin corrosion or irritation; serious eye damage or eye irritation.

SARA 313 toxic chemicals Not subject to the supplier notification requirements of 40 CFR 372.

CERCLA reportable quantity Not listed (no reportable quantity)

New Jersey right-to-know No ingredient listed in section 3 is on this list.

Pennsylvania right-to-know No ingredient listed in section 3 is on this list.

Massachusetts right-to-know No ingredient listed in section 3 is on this list.

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

Pesticide labeling (FIFRA)

FIFRA This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

EPA registration number 6836-364-81974

EPA establishment number 81974-PR-001

Pesticide label signal word DANGER

Hazards to humans and domestic animals DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or absorbed through the skin. Wear protective eyewear (goggles,

face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Child hazard warning KEEP OUT OF REACH OF CHILDREN.

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

Date of preparation or last revision

Issue date 2026-10-26 **Version** 3

Date of first issue 2026-09-29 **Supersedes** Version 2 (2026-09-30)

Hazard ratings

NFPA 704



HMIS

Health	3
Flammability	0
Physical hazard	0

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

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Revision history

Version	Date	Summary of changes
3	2026-10-26	Full revision: all sections reviewed and updated.
2	2026-09-30	Previous edition.
1	2026-09-29	First issue.

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.		
Approved by	Dan N. Bigman-Montalvo	CEO, Gascó Industrial Corp.		

Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200.

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