SAFETY DATA SHEET

GASCÓ 160 Detergent & Disinfectant, Lemon Fragrance

Product codes: D12701, D12705, D12706
Version 15 | Issue date 2026-11-01 | Supersedes Version 14 (2026-10-26)

SECTION 1. IDENTIFICATION

Product identifier

Product name GASCÓ 160 Detergent & Disinfectant, Lemon Fragrance

Other means of identification GASCÓ 160 Detergent & Disinfectant; 160 Detergent & Disinfectant; Gascó Clean 160 Detergent & Disinfectant; GASCÓ 160 Lemon Multipurpose Detergent & Disinfectant; One-Step Germicidal Cleaner and Deodorant, Lemon Fragrance

EPA registration number 47371-36-81974 **EPA establishment number** 81974-PR-1

Product code	Package	Net contents	UPC
D12701	Case of 4 plastic jugs, 1 US gal each	4 x 1 US gal (4 x 3.785 L)	787302127016
D12705	Plastic pail	5 US gal (18.9 L)	787302127054
D12706	Drum	55 US gal (208 L)	787302127061

Recommended use and restrictions on use

Recommended use One-step germicidal cleaner and deodorant for washable hard, nonporous surfaces: disinfectant, fungicide, mildewstat and virucide. Dilute 4 ounces of the concentrate per gallon of water. Use only as directed on the EPA-accepted product label.

Restrictions on use It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Dilute before use as directed on the product label. Not for use on medical device surfaces. Do not use on utensils, glassware, dishes or appliance interior surfaces as a disinfectant. Rinse all surfaces that come in contact with food with potable water before reuse.

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

Serious eye damage/eye irritation Category 2A

Label elements



Signal word
Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

Prevention

P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.
P280 Wear eye protection/face protection.

Response

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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 The aquatic hazard classes (see section 12) are GHS environmental classes, which the OSHA Hazard Communication Standard does not adopt. The EPA-accepted product label states that the product is harmful if absorbed through the skin (EPA toxicity category III); this does not meet the OSHA criteria for acute dermal toxicity (see sections 11 and 15).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)	GHS classification
Didecyl dimethyl ammonium chloride	7173-51-5	0.94 (w/w)	Acute toxicity (oral), Category 3 (H301); 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 2 (H411)
n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride Synonym: Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.62 (w/w)	Acute toxicity (oral), Category 4 (H302); 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)
Fragrance component	Trade secret	0.1 to 1 (w/w)	Skin corrosion/irritation, Category 2 (H315); Skin sensitization, Category 1 (H317)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight. The two active ingredients are listed at the exact percentages stated on the product label. The specific chemical identity and exact percentage of the fragrance component have been withheld as a trade secret under 29 CFR 1910.1200(i); its concentration is given as a range. The fragrance component is a skin sensitizer contained in the fragrance; its range is based on the fragrance content of the product. The hazard classification follows the EPA-accepted product label (see section 2). The other ingredients are not hazardous or are present below the concentrations that require disclosure under 29 CFR 1910.1200.

SECTION 4. FIRST-AID MEASURES

Inhalation Move the person to fresh air. If symptoms develop, call a poison control center (1-800-222-1222) or doctor for treatment advice.

Skin contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated 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 the eye. Call a poison control center or doctor for treatment advice.

Ingestion Call a poison control center (1-800-222-1222) or 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, acute and delayed Eyes: redness, tearing, pain and blurred vision; the injury is substantial but temporary. Skin: prolonged contact may cause temporary redness; the product is harmful if absorbed through the skin. Ingestion: irritation of the mouth, throat and stomach, nausea and vomiting. Inhalation of spray mist: irritation of the nose and throat. Delayed effects: none known.

Immediate medical attention and special treatment Have the product container or label with you when calling a poison control center or doctor or going for treatment. Treat symptomatically. There is no specific antidote.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media The product is not flammable. Use extinguishing media appropriate to the surrounding fire, such as water spray, foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media None known

Specific hazards arising from the chemical Not flammable. Containers may rupture when heated. If the water evaporates, the residue can burn and release irritating and toxic gases.

Hazardous combustion products Carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

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 Wear protective eyewear (goggles, face shield or safety glasses) and chemical-resistant gloves (see section 8). Avoid contact with eyes, skin and clothing. Keep unprotected personnel away. Spilled product makes floors slippery.

Environmental precautions Prevent entry into drains, sewers, surface water and soil. Do not discharge the product or its effluent to waters or sewer systems except as described on the product label (see section 15).

Methods and materials for containment and cleaning up Stop the leak if it can be done without risk. Small spills: wipe up with absorbent material, then rinse the area with water and collect the rinse water. Large spills: dike the spill, absorb it with inert material such as sand, earth or vermiculite and place it in closed containers for disposal (see section 13). Do not return spilled material to the original container.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, face shield or safety glasses). Do not breathe spray; for sprayer applications use a coarse spray device, as directed on the product label. Dilute only as directed on the product label. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities Store in the original container in areas inaccessible to children. Do not contaminate water, food or feed by storage or disposal. Keep the container tightly closed in a cool, dry, well-ventilated place away from direct sunlight. Protect from freezing and excessive heat. Keep away from strong oxidizing agents, strong acids and strong bases (see section 10).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Component	CAS number	OSHA PEL	ACGIH TLV	NIOSH REL	IDLH
Fragrance component	Trade secret	Not established	5 ppm TWA (inhalable fraction and vapor); skin; DSEN; A4 (not classifiable as a human carcinogen)	Not established	Not established

Components without established occupational exposure limits: Didecyl dimethyl ammonium chloride, n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride, Water.

Exposure controls and personal protective equipment

Engineering controls General ventilation is normally adequate. Use local exhaust ventilation where spray mist is generated. Provide an eyewash station close to where the concentrate is handled.

Eye and face protection Protective eyewear (goggles, face shield or safety glasses), as required by the product label. Use chemical splash goggles when pouring or transferring the concentrate.

Hand protection Chemical-resistant gloves, such as nitrile or neoprene rubber, to avoid contact with skin.

Body protection Long-sleeved work clothing. Add a chemical-resistant apron where splashing of the concentrate is likely, such as when filling or transferring from pails and drums. For clean-up of blood or body fluids, wear protective gloves, gowns, masks and eye protection, as directed on the product label.

Respiratory protection Not normally required. Do not breathe spray; use a coarse spray device as directed on the product label. If spray mist cannot be controlled, use a NIOSH-approved respirator with 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**	Yellow, clear
Odor	Lemon	**Odor threshold**	No data available
Melting point/freezing point	Approx. 0 °C (32 °F)	**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	Aqueous solution; no flash point is expected below the boiling point		
Auto-ignition temperature	No data available	**Decomposition temperature**	No data available
pH	7.5 to 10.4 (100%); at use dilution: 6.5 to 7.5		
Kinematic viscosity	No data available	**Solubility in water**	Completely miscible
Partition coefficient n-octanol/water (log value)	Not applicable (mixture). For the log Kow of the components, see section 12 (bioaccumulative potential)		
Vapor pressure	Approx. 2.3 kPa (17.5 mmHg) at 20 °C (68 °F), as water		
Evaporation rate	Similar to water		
Density	0.998 g/cm³ (8.33 lb/US gal) at 20 °C (68 °F)		
Relative density (water = 1)	1.00 at 20 °C (68 °F)	**Relative vapor density (air = 1)**	Approx. 0.6, 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	None known. Hazardous polymerization does not occur.
Conditions to avoid	Freezing, excessive heat and contact with incompatible materials.
Incompatible materials	Strong oxidizing agents, strong acids and strong bases. Anionic surfactants and soaps reduce the disinfecting activity.
Hazardous decomposition products	None under normal conditions of storage and use. When heated to dryness or burned: carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, ingestion and inhalation of spray mist.
Symptoms	Eyes: redness, tearing, pain and blurred vision. Skin: prolonged contact may cause temporary redness. Ingestion: irritation of the mouth, throat and stomach, nausea and vomiting. Inhalation of spray mist: irritation of the nose and throat.
Delayed and immediate effects and chronic effects	Immediate: eye irritation. Delayed: none known. Chronic: none known.
Acute toxicity	Not classified. The EPA-accepted product label states that the product is harmful if absorbed through the skin (EPA toxicity category III); this does not meet the OSHA criteria for acute dermal toxicity. The label carries no oral or inhalation hazard statement.
Acute toxicity estimates (ATE)	Oral: approx. 17,000 mg/kg (calculated). Dermal: greater than 2,000 mg/kg (EPA toxicity category III). Inhalation: no data available.
Skin corrosion/irritation	Not classified. The EPA-accepted product label carries no skin irritation hazard statement; its instruction to avoid contact with skin accompanies the statement that the product is harmful if absorbed through the skin. Prolonged contact may cause temporary redness.
Serious eye damage/eye irritation	Category 2A. Causes serious eye irritation. The EPA-accepted product label states that the product causes substantial but temporary eye injury (EPA toxicity category II).
Respiratory or skin sensitization	Not classified. The EPA-accepted product label carries no skin sensitization statement, and the quaternary ammonium chlorides were not sensitizing in guinea pig tests. Not a respiratory sensitizer.
Germ cell mutagenicity	Not classified. Both active ingredients were negative in bacterial and mammalian cell tests and in animal tests.
Carcinogenicity	Not classified. No ingredient listed in section 3 is listed as a carcinogen by NTP, IARC, OSHA or ACGIH.

Reproductive toxicity	Not classified	**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: Didecyl dimethyl ammonium chloride

LD50 oral, rat	238 mg/kg	**LD50 dermal, rabbit**	3,342 mg/kg
Skin corrosion, rabbit	Causes burns	**Skin sensitization, guinea pig**	Not sensitizing (Buehler test)
Mutagenicity	Negative (bacterial and mammalian cell tests, rat chromosome aberration test)		

Component data: n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride

LD50 oral, rat	Approx. 344 mg/kg	**LD50 dermal, rabbit**	3,412 mg/kg
Skin corrosion, rabbit, 4 h	Corrosive	**Skin sensitization, guinea pig**	Not sensitizing (Buehler test)
Mutagenicity	Negative (bacterial and mammalian cell tests, mouse micronucleus test)		

Component data: Fragrance component

LD50 oral, rat	4,950 mg/kg	**Skin irritation**	Irritating
Skin sensitization	Sensitizing		

SECTION 12. ECOLOGICAL INFORMATION

Component data: Didecyl dimethyl ammonium chloride

LC50 fish, 96 h	0.19 mg/L (Pimephales promelas)	**NOEC fish, 34 days**	0.032 mg/L (Danio rerio)
EC50 daphnia, 48 h	0.062 mg/L (Daphnia magna)	**NOEC daphnia, 21 days**	0.014 mg/L (Daphnia magna)
ErC50 algae, 96 h	0.026 mg/L (Pseudokirchneriella subcapitata)		
EC50 activated sludge, 3 h	11 mg/L	**M-factor**	Acute 10

Component data: n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride

LC50 fish, 96 h	0.515 mg/L (Lepomis macrochirus)	**NOEC fish, 34 days**	0.0322 mg/L (Pimephales promelas)
EC50 daphnia, 48 h	0.016 mg/L (Daphnia magna)	**NOEC daphnia, 21 days**	At least 0.00415 mg/L (Daphnia magna)
ErC50 algae, 72 h	0.049 mg/L (Pseudokirchneriella subcapitata)		
EC50 activated sludge, 3 h	7.75 mg/L	**M-factor**	Acute 10, long-term 1

Persistence, bioaccumulation, mobility and other effects

Persistence and degradability	Didecyl dimethyl ammonium chloride: readily biodegradable, 72% in 28 days (OECD 301B). n-Alkyl dimethyl benzyl ammonium chloride: readily biodegradable, 95.5% in 28 days (OECD 301B). No data available for the product.
Bioaccumulative potential	Low. n-Alkyl dimethyl benzyl ammonium chloride: bioconcentration factor 79 (Lepomis macrochirus); log Kow 2.75.
Mobility in soil	n-Alkyl dimethyl benzyl ammonium chloride: low; it adsorbs strongly to soil, sediment and sewage sludge (Koc 282,624 L/kg). No data available for the product. The product is completely miscible with water.
Other adverse effects	Based on its ingredients, the product meets the GHS criteria for hazardous to the aquatic environment, acute Category 2 and long-term Category 3, classes that OSHA does not adopt. The quaternary ammonium chlorides are toxic to the microorganisms of sewage treatment plants at high concentrations. Do not discharge effluent containing this product to waters or sewer systems except as described on the product label (see section 15).

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
RCRA waste code	Neither active ingredient is on the RCRA P or U lists (40 CFR 261.33), and the product as sold is not expected to show a hazardous waste characteristic (ignitability, corrosivity, reactivity or toxicity). The product label nevertheless directs that pesticide wastes, and containers that are not triple rinsed, be managed as acutely hazardous; follow the label. The generator must determine the waste status at the time of disposal.

Contaminated packaging Nonrefillable container. Do not reuse or refill this container. Clean the container promptly after emptying. Plastic and metal containers: triple rinse as follows. Fill the container one-quarter full with water and reclose it. Agitate vigorously and dispose of the rinsate consistent with the pesticide disposal instructions. Repeat two more times. Then dispose of the container as directed on the product label, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Follow the pesticide disposal instructions for rinsate. Do not cut or weld metal containers. If not triple rinsed, these containers are acute hazardous wastes and must be disposed of in accordance with local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

	DOT (US ground)	IMDG (sea)	IATA (air)
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	Not applicable	Not applicable	Not applicable
Transport hazard class	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable
Hazard labels	Not applicable	Not applicable	Not applicable
Marine pollutant	No	No	Not applicable

Packages covered The 4 x 1 US gal case (D12701), the 5 US gal pail (D12705) and the 55 US gal drum (D12706) are not regulated as dangerous goods for transport by road, rail, sea or air: the product is not corrosive, not flammable and not an environmentally hazardous substance or marine pollutant.

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

Special precautions for user Keep containers closed, upright and protected from damage and freezing.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication This product is a hazardous chemical under 29 CFR 1910.1200. The product label is governed by FIFRA (see below).

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 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)

State right-to-know No ingredient listed in section 3 is on the Massachusetts, New Jersey or Pennsylvania right-to-know lists.

California Proposition 65 No ingredient listed in section 3 is on the Proposition 65 list. The product may contain trace amounts of ethylene oxide and 1,4-dioxane, which are 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 47371-36-81974

EPA establishment number 81974-PR-1

Pesticide label signal word WARNING

Hazards to humans and domestic animals WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses.) Remove contaminated clothing and wash before reuse. Avoid contact with skin. Wash thoroughly with soap and water after handling.

Environmental hazards (containers of 5 US gal or larger) Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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

Date of preparation or last revision

Issue date 2026-11-01 **Version** 15

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Hazard ratings

NFPA 704



HMIS

Health	2
Flammability	0
Physical hazard	0
Personal protection	B

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. The HMIS personal protection letter refers to the HMIS equipment index.

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. This product is a registered pesticide: read and follow the product label. 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
15	2026-11-01	Section 9: pH at use dilution added.
14	2026-10-26	Full revision: all sections reviewed and updated.
13	2026-09-30	Previous edition.
12	2026-09-24	Previous edition.
11	2026-07-10	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.

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