SAFETY DATA SHEET

ECO CLEAN Laundry Detergent

Product codes: D11054, D11055, D11230
Version 9 | Issue date 2026-10-26 | Supersedes Version 8 (2026-10-16)

SECTION 1. IDENTIFICATION

Product identifier

Product name ECO CLEAN Laundry Detergent

Other means of identification EcoClean Laundry Detergent; ECO CLEAN Industrial Laundry Detergent; Industrial Laundry Detergent

Product code	Package	Net contents	UPC
D11054	Pail	5 US gal (18.93 L)	787302110544
D11055	Drum	55 US gal (208.2 L)	787302110551
D11230	Tote (intermediate bulk container)	260 US gal (984 L)	787302112302

Recommended use and restrictions on use

Recommended use Liquid laundry detergent for industrial, institutional and commercial laundries, such as those of hospitals and care centers, hotels and motels. In household-type and institutional washing machines, use 1/3 cup (light soil) to 3/4 cup (heavy soil) of product per load. Suitable for use in dilution and dispensing systems.

Restrictions on use For professional and institutional use in laundering washable fabrics. Do not mix the undiluted product with other cleaning products or chemicals.

Manufacturer or supplier

Company Gascó Industrial Corp.

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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 1

Skin sensitization Category 1

Label elements



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

Precautionary statements

Prevention

P102 Keep out of reach of children.

P261 Avoid breathing mist/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/eye protection/face protection.

Response

P302+P352 If on skin: Wash with plenty of water.

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).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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 Spilled product makes floors slippery.

Unknown acute toxicity Approx. 4% of the mixture consists of ingredients of unknown acute dermal and inhalation toxicity.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)	GHS classification
Anionic surfactant	Trade secret	3 to 7 (w/w)	Acute toxicity (oral), Category 4 (H302); Skin corrosion/irritation, Category 2 (H315); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, long-term hazard, Category 3 (H412)
Preservative	Trade secret	0.1 to 1 (w/w)	Acute toxicity (oral), Category 3 (H301); Acute toxicity (dermal), Category 3 (H311); Acute toxicity (inhalation), Category 3 (H331); Skin corrosion/irritation, Category 1C (H314); Skin sensitization, Category 1A (H317); Hazardous to the aquatic environment, acute hazard, Category 1 (H400); Hazardous to the aquatic environment, long-term hazard, Category 1 (H410)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight; the surfactant concentration is given as active substance. The specific chemical identities and exact percentages of the anionic surfactant and the preservative have been withheld as a trade secret under 29 CFR 1910.1200(i); their concentrations are given as ranges. The preservative is present only to preserve the product. It contains skin sensitizers that cause allergic reactions at very low concentrations, and the product is classified as a skin sensitizer because of them.

SECTION 4. FIRST-AID MEASURES

Inhalation If mist is inhaled and irritation occurs, move the person to fresh air. If the person is not breathing, call 911 or an ambulance, then give artificial respiration. Get medical attention if symptoms persist.

Skin contact Take off contaminated clothing. Rinse skin with plenty of water for 15 minutes. If skin irritation or a rash occurs, get medical attention. Wash contaminated clothing before reuse.

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. Call Poison Control at 1-800-222-1222 or a doctor immediately, and continue rinsing on the way to medical care.

Ingestion Call Poison Control at 1-800-222-1222 or a doctor immediately for treatment advice. Rinse mouth with water. If the person is able to swallow, have the person sip a glass of water. 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: pain, redness, tearing and blurred vision; may cause serious eye damage. Skin: redness and dryness after prolonged contact; in sensitized persons, itching and rash (allergic contact dermatitis), which may appear hours after contact. Ingestion: irritation of the mouth, throat and stomach, nausea, vomiting and diarrhea. Inhalation of mist: irritation of the nose and throat.

Immediate medical attention and special treatment Get medical attention immediately after eye contact. Treat symptomatically. Swallowed product may foam; prevent aspiration of foam into the lungs. Probable mucosal damage may contraindicate the use of gastric lavage. Treat an allergic skin reaction as contact dermatitis. Have the product container or this Safety Data Sheet with you when calling Poison Control or a doctor, or going for treatment.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use media suitable for the surrounding fire. The product is a water-based solution and is not flammable.
Unsuitable extinguishing media	None known
Specific hazards arising from the chemical	The product is a water-based solution and has no flash point. If the water evaporates in a fire, the residue may burn and release carbon monoxide, carbon dioxide, nitrogen oxides, sulfur 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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with eyes and skin. Wear the chemical splash goggles and protective gloves listed in Section 8. Spilled product makes floors slippery.
Environmental precautions	Prevent spills from entering drains, sewers and waterways.
Methods and materials for containment and cleaning up	Stop the leak if it can be done without risk. Wipe up small spills with a damp cloth or mop. Dike large spills and absorb them with inert material such as sand, earth or absorbent pads, and place it in a closed container for disposal. Rinse the area with water; the product foams.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with eyes, skin and clothing and avoid breathing mist. Wear chemical splash goggles and protective gloves when handling the undiluted product, such as when pouring it, filling dispensers or dilution systems, or transferring it from pails, drums or totes. Do not mix the undiluted product with other cleaning products or chemicals. Wash hands thoroughly with soap and water after handling and before eating, drinking or smoking.
Conditions for safe storage, including any incompatibilities	Store in the original container, tightly closed, in a cool, well-ventilated area out of direct sunlight, at 5 to 40 °C (41 to 104 °F). Protect from freezing. Keep out of reach of children. Keep away from strong oxidizing agents and strong acids.

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

Engineering controls	General ventilation is adequate for use as directed. Provide an eyewash station where the undiluted product is handled, such as where dispensers or dilution systems are filled or the product is transferred from pails, drums or totes.
Eye and face protection	The product causes serious eye damage. Wear chemical splash goggles when handling the undiluted product, such as when pouring, transferring or diluting it. Add a face shield when transferring the product from drums or totes.
Hand protection	The product is a skin sensitizer. Wear chemical-resistant gloves, such as nitrile rubber, when handling the undiluted product and whenever prolonged or repeated skin contact is likely.
Body protection	No special protective clothing is required for normal use. Wear a chemical-resistant apron and safety footwear when transferring the product from pails, drums or totes. Change clothing that becomes wet with the product.
Respiratory protection	Not normally required. Avoid breathing mist and use the product in a well-ventilated area.
General hygiene	Wash hands after handling and before eating, drinking or smoking. Take off contaminated clothing and wash it before reuse. Contaminated work clothing must not be allowed out of the workplace.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Color**	Blue
Odor	Fresh, clean fragrance	**Odor threshold**	No data available
Melting point/freezing point	Less than 0 °C (32 °F)	**Initial boiling point and boiling range**	Approx. 100 °C (212 °F)
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**	9.0 to 11.0 (undiluted)
Kinematic viscosity	Approx. 110 to 280 mm²/s at 20 to 34 °C (68 to 93 °F)		
Solubility in water	Completely miscible	**Partition coefficient n-octanol/water (log value)**	No data available
Vapor pressure	Approx. 2.3 kPa (17 mmHg) at 20 °C (68 °F), mainly water		
Evaporation rate	No data available	**Density**	Approx. 1.02 g/cm³ (8.5 lb/US gal)
Relative density (water = 1)	Approx. 1.02	**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, temperatures above 40 °C (104 °F) and mixing with other chemicals.
Incompatible materials	Strong oxidizing agents and strong acids.
Hazardous decomposition products	None under normal conditions of storage and use. Burning of the dried residue: carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides and hydrogen chloride.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, ingestion and inhalation of mist.
Symptoms	Eyes: pain, redness, tearing and blurred vision. Skin: redness and dryness after prolonged contact; in sensitized persons, itching and rash, which may appear hours after contact. Ingestion: irritation of the mouth, throat and stomach, nausea, vomiting and diarrhea. Inhalation of mist: irritation of the nose and throat.
Delayed and immediate effects and chronic effects	Immediate: serious eye damage on direct contact. Delayed: an allergic skin reaction may appear hours to days after contact in sensitized persons. Chronic: once sensitized, a person may react to later contact with small amounts of the product; prolonged or repeated contact may dry and crack the skin.
Acute toxicity	Not classified
Acute toxicity estimates (ATE)	Oral: greater than 5,000 mg/kg. Dermal: greater than 5,000 mg/kg. Inhalation: no data available for the product; not classified.
Skin corrosion/irritation	Not classified, based on the actual concentrations of the ingredients listed in Section 3 (additivity method of 29 CFR 1910.1200 Appendix A); pH 9.0 to 11.0. Prolonged or repeated contact with the undiluted product may dry or irritate the skin.
Serious eye damage/eye irritation	Category 1. Causes serious eye damage, based on the surfactant content of the product. No eye irritation test data are available for the product.
Respiratory or skin sensitization	Skin sensitization, Category 1. May cause an allergic skin reaction. The preservative contains skin sensitizers that cause allergic reactions at very low concentrations; they are present above the concentration that classifies a mixture, and the product is classified because of them. Respiratory sensitization: not classified.
Germ cell mutagenicity	Not classified. No ingredient present at 0.1% or more is classified as a germ cell mutagen.
Carcinogenicity	Not classified. No ingredient present at 0.1% or more 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 may irritate the nose and throat.
Specific target organ toxicity, repeated exposure	Not classified
Aspiration hazard	Not classified
Interactive effects	None known
Component data: Anionic surfactant	
LD50 oral, rat	530 to 1,470 mg/kg (acid form)
Component data: Preservative	
Skin sensitization, mouse local lymph node assay	Sensitizing

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity No data available for the product. The anionic surfactant is toxic to aquatic life (fish LC50, 96 h: 1.7 to 11.7 mg/L; crustacean EC50, 48 h: 2.4 to 7.1 mg/L; algae EC50, 72 h: 34 to 47 mg/L). The preservative is very toxic to aquatic life with long lasting effects (see Section 3); its concentration in the product is very low.

Persistence and degradability No data available for the product. The anionic surfactant is readily biodegradable (94% in 28 days). The preservative is not readily biodegradable in standard tests.

Bioaccumulative potential Low. The anionic surfactant and the preservative are not expected to bioaccumulate.

Mobility in soil The product is miscible with water.

Other adverse effects Based on its ingredients, the product meets the GHS criteria for hazardous to the aquatic environment, long-term Category 3, a class that OSHA does not adopt. Not classified for acute aquatic hazard. Do not release undiluted product to surface water, storm drains or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods Dispose of contents and container in accordance with local, state and federal regulations. Do not discharge undiluted product to storm drains or waterways.

RCRA waste code None. When discarded unused, the product is not a listed hazardous waste and has no hazardous waste characteristic: it is not ignitable (D001: no flash point), not corrosive (D002: pH 9.0 to 11.0) and not reactive, and it contains none of the toxicity characteristic contaminants of 40 CFR 261.24.

Contaminated packaging Do not reuse empty pails, drums or totes for food, drinking water or other products. Rinse empty containers with water and add the rinse water to the wash. Dispose of the containers, or send drums and totes to a container reconditioner, as local regulations allow. Keep empty pails away from young children, who can drown in a pail that holds liquid.

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
Notes	Not regulated as a hazardous material.	Not regulated. Not a marine pollutant.	Not regulated.

Packages Plastic pail of 5 US gal (18.93 L), about 43 lb (19.3 kg) of product; drum of 55 US gal (208.2 L), about 470 lb (212 kg) of product; tote (intermediate bulk container) of 260 US gal (984 L), about 2,210 lb (1,003 kg) of product.

Emergency response guide Not applicable

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

Special precautions for user Keep containers upright and closed. Protect from freezing. Secure drums and totes against movement during transport.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication This product is a hazardous chemical under 29 CFR 1910.1200 (serious eye damage, skin sensitizer).

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

SARA 302 extremely hazardous substances Not listed

SARA 311/312 hazard categories Serious eye damage or eye irritation; respiratory or skin sensitization.

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

CERCLA reportable quantity The anionic surfactant (Section 3) is a CERCLA hazardous substance with a reportable quantity (RQ) of 1,000 lb. Based on the upper limit of its Section 3 concentration range, evaluate releases of about 14,000 lb (about 1,700 US gal) or more of the product for reporting to the National Response Center (40 CFR 302.6).

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

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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.

References

1. OSHA Hazard Communication Standard, 29 CFR 1910.1200, Appendices A to D, as amended May 20, 2024.
2. US DOT Hazardous Materials Regulations, 49 CFR 171 to 180.

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
9	2026-10-26	Full revision: all sections reviewed and updated.
8	2026-10-16	Previous edition.
7	2026-07-01	Previous edition.

Review and approval

Role	Name	Title	Signature	Date
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Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200.

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