SAFETY DATA SHEET

ECO CLEAN Citrus Degreaser

Product codes: D10087, D11212
Version 9 | Issue date 2026-10-26 | Supersedes Version 8 (2026-07-01)

SECTION 1. IDENTIFICATION

Product identifier

Product name ECO CLEAN Citrus Degreaser

Other means of identification EcoClean Citrus Degreaser; Citrus Degreaser; Heavy Duty Degreaser Concentrate

Product code	Package	Net contents	UPC
D10087	Case of 4 jugs	4 x 1 US gal (3.785 L)	787302100873
D11212	Case of 12 bottles	12 x 32 fl oz (946 mL)	787302112128

Recommended use and restrictions on use

Recommended use Citrus-based heavy-duty degreaser concentrate for hard, washable surfaces. Dissolves grease, tar and oil. Used full strength or diluted with water, depending on the task. For tough grease, pre-wet the surface with plain water; pour, spray, brush or roll the product over the area, wait 1 to 3 minutes, then brush or wipe off with a sponge or cloth, or rinse with a pressure washer, and repeat if necessary. A hot-water pressure washer speeds removal.

Restrictions on use For industrial and institutional use. Test painted, varnished or waxed surfaces on a small hidden area first. Rinse surfaces that come into contact with food with potable water after cleaning. Do not mix with ammonia, bleach or 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

Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 1
Skin sensitization Category 1

Label elements



Signal word
Danger

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

Precautionary statements

Prevention

P102	Keep out of reach of children.	**P261**	Avoid breathing mist/spray.
P264	Wash hands thoroughly after handling.		
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. The solvent blend can form skin-sensitizing oxidation products when exposed to air for long periods; keep containers closed.		
Unknown acute toxicity	Approx. 10% 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
Solvent blend	Trade secret	5 to 10 (w/w)	Flammable liquids, Category 3 (H226); Acute toxicity (oral), Category 4 (H302); Skin corrosion/irritation, Category 2 (H315); Serious eye damage/eye irritation, Category 1 (H318); Skin sensitization, Category 1B (H317); Hazardous to the aquatic environment, acute hazard, Category 2 (H401); Hazardous to the aquatic environment, long-term hazard, Category 3 (H412)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight. The specific chemical identity and exact percentage of the solvent blend have 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	If mist is inhaled and irritation occurs, move the person to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
Skin contact	Take off contaminated clothing. Wash skin with plenty of water. 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	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. Call Poison Control at 1-800-222-1222 or a doctor for treatment advice.
Most important symptoms and effects, acute and delayed	Eyes: pain, redness, tearing and blurred vision; may cause serious eye damage. Skin: redness, dryness and irritation; 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. 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 and sulfur oxides. Containers may rupture when heated.

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 and avoid breathing mist. Wear the chemical splash goggles and protective gloves listed in Section 8. Spilled product makes floors slippery.

Environmental precautions Prevent spills from entering storm drains, sewers and waterways. Notify the authorities if large quantities reach 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 absorbent and place the absorbed material in a closed, labeled container for disposal. Wipe up small spills with a damp cloth or mop. Rinse the area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Do not get in eyes. Avoid contact with skin and clothing and avoid breathing mist or spray. Wear the protective equipment listed in Section 8. Do not mix with ammonia, bleach or other cleaning products or chemicals. Use with adequate ventilation. Use only as directed on the product label. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities Store in the original container, tightly closed, in a cool, well-ventilated area out of direct sunlight and away from heat. Protect from freezing. Keep away from strong oxidizing agents, such as bleach, and from strong acids. Store away from food and food packaging materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Component	CAS number	OSHA PEL	ACGIH TLV	NIOSH REL	IDLH
Solvent blend	Trade secret	Not established	Not established	Not established	Not established

Components without established occupational exposure limits: Water.

Exposure controls and personal protective equipment

Other exposure guidelines A component of the solvent blend (Section 3) has a workplace environmental exposure level (WEEL) of 30 ppm, 8-hour TWA. No ingredient listed in Section 3 has an OSHA, ACGIH or NIOSH exposure limit.

Engineering controls General ventilation is normally adequate for use as directed. Use local exhaust ventilation where mist is generated in enclosed areas, such as when spraying or pressure washing indoors. Provide an eyewash station close to the work area.

Eye and face protection The product causes serious eye damage. Wear chemical splash goggles. Add a face shield when pouring, spraying or pressure washing, or wherever splashing is likely.

Hand protection The product is a skin irritant and a skin sensitizer. Wear chemical-resistant gloves, such as nitrile or neoprene. Confirm breakthrough time with the glove manufacturer for the conditions of use.

Body protection Long sleeves; a chemical-resistant apron where splashing is likely. Change clothing that becomes wet with the product.

Respiratory protection Not normally required with adequate ventilation when used as directed. Avoid breathing spray mist.

General hygiene Wash hands with soap and water 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**	Clear
Odor	Citrus	**Odor threshold**	No data available
Melting point/freezing point	No data available	**Initial boiling point and boiling range**	Approx. 100 °C (212 °F), mainly water
Flammability	Not flammable	**Flammability limits in air**	Not applicable
Flash point	No flash point (water-based solution)	**Auto-ignition temperature**	Not applicable (water-based solution)
Decomposition temperature	No data available	**pH**	10 to 11 (undiluted)
Kinematic viscosity	Less than 5 mm^2/s (thin, water-like liquid)		
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	1.00 to 1.01 g/cm^3 (8.35 to 8.43 lb/US gal)		
Relative density (water = 1)	1.00 to 1.01	**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 conditions in closed containers.
Possibility of hazardous reactions	None known. Hazardous polymerization does not occur.
Conditions to avoid	Freezing, heat, prolonged exposure of the product to air, and mixing with other chemicals.
Incompatible materials	Strong oxidizing agents, such as bleach, 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 and sulfur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, inhalation of mist or spray, and ingestion.
Symptoms	Eyes: pain, redness, tearing and blurred vision; may cause serious eye damage. Skin: redness, dryness and irritation; 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: eye damage and skin irritation 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: approx. 15,000 mg/kg (calculated). Dermal: not calculated; the solvent blend has a dermal ATE greater than 2,000 mg/kg. Inhalation: no data available for the product; not classified.
Skin corrosion/irritation	Category 2. Causes skin irritation, based on the content of the solvent blend (Section 3), at the concentration that classifies the mixture. No skin test data are available for the product.
Serious eye damage/eye irritation	Category 1. Causes serious eye damage, based on the content of the solvent blend (Section 3). 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 solvent blend (Section 3) is a skin sensitizer, and a component of it forms sensitizing oxidation products on exposure to air. 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. The product is a water-based solution; the hydrocarbon in the solvent blend amounts to about 1% of the product, far below the hydrocarbon content that classifies a mixture.

Interactive effects None known

Component data: Solvent blend

Acute toxicity estimate, oral	Greater than 1,500 mg/kg (Category 4)	**Acute toxicity estimate, dermal**	Greater than 2,000 mg/kg
Skin irritation	Irritating (Category 2)	**Serious eye damage**	Causes serious eye damage (Category 1)

Skin sensitization Sensitizing (Category 1B), mainly through the oxidation products of a component

Carcinogenicity A component is in IARC Group 3

SECTION 12. ECOLOGICAL INFORMATION

Component data: Solvent blend

Aquatic hazard Toxic to aquatic life, harmful with long lasting effects (acute Category 2, long-term Category 3)

Biodegradability The components with data are readily biodegradable

Persistence, bioaccumulation, mobility and other effects

Ecotoxicity No data available for the product. The solvent blend is toxic to aquatic life (data above).

Persistence and degradability No data available for the product. The components of the solvent blend with data are readily biodegradable.

Bioaccumulative potential	No data available for the product.	**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, acute Category 3 (harmful to aquatic life), a class that OSHA does not adopt; not classified for long-term 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 10 to 11) and not reactive. The user must confirm the waste status at the time of disposal.

Contaminated packaging Empty containers retain residue. Rinse them with water and dispose of them in accordance with local regulations. Do not reuse or refill them.

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 D10087: case of 4 plastic jugs of 1 US gal (3.785 L), about 34 lb (15.2 kg) of product per case. D11212: case of 12 plastic trigger-spray bottles of 32 fl oz (946 mL), about 25 lb (11.4 kg) of product per case.

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; turn trigger-spray nozzles to the closed position before shipping. Protect from freezing.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication	This product is a hazardous chemical under 29 CFR 1910.1200 (serious eye damage, skin irritant, skin sensitizer).
TSCA inventory	The ingredients listed in Section 3 are listed on the TSCA Inventory or are in compliance with it, as stated by their manufacturers.
SARA 302 extremely hazardous substances	Not listed
SARA 311/312 hazard categories	Serious eye damage or eye irritation; skin corrosion or 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	No ingredient listed in Section 3 is a CERCLA hazardous substance.
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



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	2026-07-01	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.		
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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