



Largo (Concentrate)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Largo Concentrate
Product Use	Multi-Surface Neutral Cleaner
Product Code	4622
For Medical Emergency	Call Chemtrec 1-800-424-9300
Supplier's Information	Cleanslate Inc. 1515 East Linden Avenue, Linden NJ 07036 1-866-510-8080

2. HAZARD IDENTIFICATION

GHS Classification.	Serious Eye Damage: Category 1 Skin Sensitization: Category 1 Hazardous to the Aquatic Environment (Chronic): Category 2	GHS Label Element.	 
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Signal Word. Danger

Hazard Statement. Causes serious eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Precautionary Statements. Do not breathe mist, vapors, or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, and face protection. Avoid release to the environment. Keep out of reach of children.

Acute Effects.

Eyes. Causes serious eye damage. Prolonged or repeated exposure may cause discomfort, redness, and watering.

Skin. May cause an allergic skin reaction. Prolonged or repeated contact may result in irritation, redness, or rash.

Inhalation. Inhalation of mist or vapor may cause irritation to the respiratory tract, including coughing or throat discomfort.

Ingestion. May cause gastrointestinal upset, nausea, or vomiting.

Chronic Effects.

Carcinogenicity. No known critical effects or critical hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous Ingredients	CAS No.	WT.%
Sodium laureth sulfate	68585-34-2	1-3
D-Limonene	5989-27-5	1-3
Benzyl alcohol ethoxylated	26403-74-7	4-6
Sodium dodecylbenzenesulfonate	25155-30-0	7-11
Triethanolamine dodecylbenzenesulfonate	27323-41-7	5-10
Sodium octanesulfonate	5324-84-5	0.4-1.5
Alcohols, C9-11, ethoxylated	68439-46-3	1-4
Alkyl polyglucoside	68515-73-1	1-4
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-4
Magnesium chloride	7791-18-6	0.3-1
5-Chloro-2-methyl-4-isothiazolin-3-one/2-methyl-4-isothiazolin-3-one (CMIT/MIT)	55965-84-9	0.05-0.3
Sodium hydroxide	1310-73-2	0.01-0.1

4. FIRST AID MEASURES

Eye Contact. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention immediately.

Skin Contact. Remove contaminated clothing. Wash with plenty of water and soap. Seek medical attention if irritation develops.

Inhalation. Remove to fresh air. Seek medical attention if symptoms develop.

Ingestion. Do not induce vomiting. Rinse mouth. Drink water if conscious. Seek medical attention immediately.

Notes to Physician:

Treat symptomatically. For isothiazolinone exposure, treat chemical burns promptly.

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5. FIRE FIGHTING MEASURES

Suitable Fire Extinguishing Media. Water spray, foam, dry chemical, or carbon dioxide.

Specific Hazards Arising from the Chemical. Not flammable. Decomposition products may form under fire conditions.

Hazardous Combustion Products. Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride, sulfur oxides.

Specific Fire-Fighting Methods. Isolate area. Remove all persons from vicinity. Cool fire-exposed containers with water. Fight fire from protected location.

Special Protective Equipment for Fire-Fighters. Wear self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear appropriate personal protective equipment (see Section 8). Remove all ignition sources. Evacuate unprotected personnel.

Environmental Precautions:

Prevent entry into sewers, watercourses, or soil.

Methods for Containment and Cleaning Up:

Contain spill with inert absorbent material (e.g., sand, earth). Collect in suitable, labeled containers for disposal. Clean spill area with water and detergent. Dispose of in accordance with local, state, and federal regulations.

7. HANDLING AND STORAGE

Handling:

Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Keep container tightly closed when not in use.

Storage:

Store in original container, tightly closed, in a cool, dry, well-ventilated area away from incompatible materials such as strong oxidizers and acids. Store locked up.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ingredients Name

CMIT/MIT
Sodium hydroxide

Exposure Limits

ACGIH TLV 0.0015 mg/m³ (inhalable)
OSHA PEL 2 mg/m³ (ceiling)

Personal Protective Equipment

Eyes: Chemical splash goggles and face shield.

Skin: Chemical-resistant gloves (nitrile, neoprene).

Body: Chemical-resistant apron and boots.

Respiratory: If exposure limits are exceeded or irritation is experienced, use a NIOSH-approved respirator with organic vapor cartridge.

Other: Wash hands after handling. Remove contaminated clothing and wash before reuse.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Clear, slightly viscous liquid
Color	Dark orange
Odor	Citrus
pH	7-8
Flash Point	>93°C Not flammable
Explosion limits	Not available
Flammability	Not available
Melting Point	Not available
Boiling Point	>100°C
Evaporation Rate	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Relative Density	1.02–1.06
Solubility	Miscible in water
Partition Coefficient	Not available
Auto-ignition Temp	Not available
Decomposition Temp	Not available
Odor Threshold	Not available
Viscosity	60–100 cP

10. STABILITY AND REACTIVITY

Stability. Stable under normal conditions of storage and use.

Possibility of Hazardous Reactions. Will not occur under normal conditions.

Conditions to Avoid. None known under normal storage and use.

Incompatible Materials. Strong oxidizers, acids, alkali metals.

Hazardous Decomposition Products. Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride, sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Ingredient	Result	Species	Dose
Sodium hydroxide	LD50 Oral	Rat	500 mg/kg
D-Limonene	LD50 Oral	Rat	4400 mg/kg
Benzyl alcohol ethoxylated	LD50 Oral	Rat	>2000 mg/kg
Sodium dodecylbenzenesulfonate	LD50 Oral	Rat	438 mg/kg
Triethanolamine dodecylbenzenesulfonate	LD50 Oral	Rat	500–2000 mg/kg
Sodium octanesulfonate	LD50 Oral	Rat	>5000 mg/kg
Alcohols, C9-11, ethoxylated	LD50 Oral	Rat	1400 mg/kg
Alkyl polyglucoside (D-Glucopyranose, oligomers)	LD50 Oral	Rat	>5000 mg/kg
Tetrasodium ethylenediaminetetraacetate	LD50 Oral	Rat	3030 mg/kg
Magnesium chloride	LD50 Oral	Rat	8100 mg/kg
CMIT/MIT	LD50 Oral	Rat	1230 mg/kg

12. ECOLOGICAL INFORMATION

N/A

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13. DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Consult your local or regional authorities for additional information.

14. TRANSPORT INFORMATION

DOT (Ground Transport)

UN Number	UN 3266
Proper Shipping Name	Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)
Transport hazard class(es)	8 (Corrosive liquid)
Packing Group	II
ERG Guide Number	154
Marine Pollutant	no
Labels Required	Corrosive (8)
Reportable Quantity	Not applicable
Special Precautions for User	Avoid contact with incompatible materials. Use secondary containment during transport when necessary.
Note	Classification under UN3266 is due to the presence of Sodium Hydroxide and Dodecylbenzenesulfonic Acid (DDBSA), both of which contribute significantly to the product's corrosive hazard profile.
BOL Shipping Description	UN 3266, Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide), 8, PG II

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA 8(b) inventory: All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No listed substance
SARA 302/304 emergency planning and notification: No listed substance
SARA 313: No listed substance
CERCLA: Not reportable at use dilution

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. **Date of Issue: 06/18/2025**

***Hazard Determination System (HDS):**

Health	2
Reactivity	0
Flammability	0

PPE: B

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.