

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

CITRUS EMULSION DEGREASER

F O R M U L A

610

BIODEGRADABLE
WATER-BASED
FAST CLEANING ACTION
RINSES WITH WATER



PRODUCT DESCRIPTION:

SENTINEL 610 CITRUS EMULSION DEGREASER is a concentrated, biodegradable, industrial-strength degreaser. Strong degreasing properties in a water-based formula make 610 ideal for cleaning heavy concentrations of dirt, dust, grease, oils and grime. 610 also dissolves many resins, adhesives, rubber tire marks and other tough compounds from floors and industrial surfaces.

DIRECTIONS: *(Always follow product label instructions for best results.)*

Full Strength Cleaning - Apply 610 at @ 200 ft²/gallon to floors and allow to sit for 5 - 10 minutes. Scrub if necessary with a stiff bristled broom. Rinse with clean water to remove grease and oil. Repeat if necessary.

General Purpose Cleaning - Dilute with water based upon need (up to a 50 to 1 ratio). Spray, mop or scrub onto surface and allow to penetrate (up to 5 minutes for tougher stains). Rinse with clean water. Repeat if necessary.

For additional information or assistance with this product, please call Sentinel Customer Service at, **800-373-0633**.

SPECIFICATIONS:

APPEARANCE	TAN LIQUID
ODOR	CITRUS
SPECIFIC GRAVITY	~1.014
FLASHPOINT	141°F PMCC
pH	7 to 9

See reverse side for
Material Safety Data Sheet (MSDS)

800-373-0633
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Sentinel Products, Inc
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MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SENTINEL 610 Citrus Emulsion Degreaser

SYNONYMS: EMULSIFIED DETERGENT

EMERGENCY MEDICAL AND SPILL NUMBER: 1-800-228-5635, EXT. 069

SECTION 2 COMPONENT & EXPOSURE DATA

COMPONENT	CAS#	PEL	TLV
d-Limonene	5989-27-5	Unknown	Unknown

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Gently flush with large quantities of water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: Remove to fresh air. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (SWALLOWING): If this product is swallowed, DO NOT induce vomiting. Seek immediate medical advice and/or attention.

SECTION 4 HEALTH HAZARDS & ROUTES OF ENTRY

EYE CONTACT: This product may cause irritation.

SKIN CONTACT: This product may cause skin irritation.

INHALATION: Inhalation of excessive concentration of vapors or mists may cause irritation of the upper respiratory tract. Excessive inhalation of vapors may cause dizziness.

INGESTION (SWALLOWING): May cause irritation of the digestive tract. Long term exposure may cause severe kidney and liver damage.

COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION 5 SPECIAL PROTECTION INFORMATION

VENTILATION: Local exhaust to keep vapors below TLV and LEL.

RESPIRATORY INFORMATION: Use respirator with organic filter.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Approved eye protection is recommended.

OTHER PROTECTIVE EQUIPMENT: It suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION 6 REACTIVITY DATA

STABILITY: Stable **HAZARDOUS POLYMERIZATION:** Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): This product is incompatible with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon.

SECTION 7 SPILL OR LEAK PROCEDURES

PRECAUTION IN CASE OF LEAK OR SPILL: Keep all sources of ignition away from spill. If spill is indoors, ventilate area of spill. Keep contained and dispose of in accordance with local, county, state, and federal regulations.

SECTION 8 STORAGE, SHIPPING, & REGULATORY INFORMATION

HANDLING & STORAGE: Keep containers tightly closed. Store cool, dry, and away from sources of ignition. DO NOT pressurize, cut, weld, braze, or solder. "Empty" drums should be completely drained, properly bunged and promptly shipped to a qualified drum re-conditioner.

DOT PROPER SHIPPING NAME: Combustible liquids, n.o.s. **DOT IDENTIFICATION NUMBER:** UN1993

DOT HAZARD CLASS: Combustible **Label Code:** N.A. **PACKING GROUP:** III

HAZARD RATINGS	HMIS	NFPA
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HEALTH	1	1
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FLAMMABILITY	2	2
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REACTIVITY	0	0
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SECTION 9 FIRE AND EXPLOSION HAZARD

FLASH POINT (TEST METHOD): 141 F. PMCC

FLAMMABLE LIMITS IN AIR. % BY VOL. LOWER: NE UPPER: NE

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂ or foam. **FIRE AND EXPLOSION HAZARD:**

FIRE FIGHTING PROCEDURES: The use of a SCBA is recommended for fire fighters.

SECTION 10 PHYSICAL DATA

BOILING POINT (°F): Unknown.

SPECIFIC GRAVITY (H₂O=1): ~1.014

VAPOR PRESSURE: Unknown

MELTING POINT: N/A

APPEARANCE & ODOR: Tan/ orange

VAPOR DENSITY: Heavier than air.

SECTION 11 DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his/her own determination as to the suitability of the product for his/her particular purpose and on the condition the he/she assume the risk of his use thereof.