

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

WATER SOLUBLE CLEANER
DEGREASER

FORMULA

700

100% ORGANIC
NONCAUSTIC/NONCORROSIVE
RINSES WITH WATER
ECONOMICAL

PRODUCT DESCRIPTION:

Sentinel 700 Water Soluble Cleaner & Degreaser works great at removing tar, grease, oil, asphalt, road film, oil-based paint, smoke, soot, ink, cosmoline and rubber tile marks from metal, concrete, some fabrics and all hard, nonporous surfaces. 700 contains no hazardous chlorinated or flammable solvents and is noncaustic and noncorrosive. Rinses with water. 700 will not harm most dry, painted surfaces.



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

Apply 700 directly to surface or object to be cleaned. Allow product to soak for 5-10 minutes and agitate as needed. Rinse solution with water under pressure for best results. Repeat if necessary.

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

SPECIFICATIONS:

APPEARANCE	GREEN
APPROXIMATE BOILING POINT	370-518°F
ODOR	MILD
SPECIFIC GRAVITY (TEMP 60°F)	.806
FLASHPOINT	146°F

See reverse side for
Material Safety Data Sheet (MSDS)

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SENTINEL 700 DEGREASER
SYNONYMS: EMULSIFIED HYDROCARBON
EMERGENCY MEDICAL AND SPILL NUMBER: 1-866-359-5661

SECTION 2 COMPONENT & EXPOSURE DATA

COMPONENT	CAS#	PEL	TLV
REFINED PETROLEUM SOLVENTS	64742-47-8	100 PPM,525 mg/m3 for 8 hour TWA	
ETHYLENE GLYCOL MONOBUTYL ETHER *	111-76-2	25 PPM (SKIN)	25 PPM (SKIN)

(Common name for ethylene glycol monobutyl ether is: 2-butoxy ethanol.)

*CONTAINS 2-6% BY WEIGHT. SUBJECT TO THE REPORTING REQUIREMENTS OF SARA 313 AND 40 CFR 372.

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If this product comes in contact with eyes, 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: If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (SWALLOWING): If this product is swallowed, DO NOT induce vomiting unless directed by a physician. 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. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION: Inhalation of excessive concentration of vapors or mists may cause irritation of the nose and throat. Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of the material.

INGESTION (SWALLOWING): Ingestion of excessive quantities may cause irritation of the digestive tract.

ASPIRATION HAZARD: This material can enter lungs during swallowing or vomiting and cause lung inflammation and 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: If current ventilation practices are not adequate for minimizing exposures, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

RESPIRATORY INFORMATION: Respiratory protection may be necessary to minimize exposure to organic vapors or gases. Depending on the nature and concentration of the airborne material, use a respirator or gas mask with appropriate cartridges and canisters, (NIOSH approved) or supplied air equipment.

PROTECTIVE GLOVES: The use of gloves impermeable to this material is advised to prevent skin contact and possible irritation. Wear resistant gloves, such as nitrile or neoprene.

EYE PROTECTION: Approved eye protection is recommended to safeguard against eye contact, irritation or injury.

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): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and/or carbon dioxide.

SECTION 7 SPILL OR LEAK PROCEDURES

PRECAUTION IN CASE OF LEAK OR SPILL: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam, may be used to suppress vapors. 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. Keep containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks or other sources if ignition. "Empty" drums should be completely drained, properly bunged and promptly shipped to a qualified drum reconditioner.

DOT PROPER SHIPPING NAME: Combustible liquid, NOS

DOT IDENTIFICATION NUMBER: NA 1993

DOT HAZARD CLASS: Combustible liquid

PACKING GROUP: III

HAZARD RATINGS

HMIS

NFPA

HEALTH	1	1
FLAMMABILITY	2	2
REACTIVITY	0	0

COMBUSTIBLE LIQUID AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD.

SECTION 9 FIRE AND EXPLOSION HAZARD

FLASH POINT (TEST METHOD): 146° F. PMCC / 154° F. COC

UPPER: 6.0

FLAMMABLE LIMITS IN AIR. % BY VOL. LOWER: 1.2

EXTINGUISHING MEDIA: Small fires-Extinguish with dry chemical, CO₂ or foam. Large fires-The use of dry chemical or foam is recommended.

FIRE AND EXPLOSION HAZARD: This material is combustible and may be ignited by heat or flame. This material will burn, but will not ignite readily.

FIRE FIGHTING PROCEDURES: The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION 10 PHYSICAL DATA

BOILING POINT (°F): 370 - 518° F.

SPECIFIC GRAVITY (H₂O=1): ~.804

VAPOR PRESSURE: Negligible

MELTING POINT: N/A

APPEARANCE & ODOR: Green - Mild/characteristic.

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.