

HEAVY DUTY CLEANER

Material Safety Data Sheet

24-HOUR CHEMICAL EMERGENCIES
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC 800-424-9300
(Outside US 703-527-3887)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HEAVY DUTY CLEANER
PRODUCT USE: Cleaner
MANUFACTURE/SUPPLIER: OMNI Sealers, Inc.
ADDRESS: 22362 Gilberto Street, Suite 215
Rancho Santa Margarita, CA 92688
PHONE: 949-709-5270

SECTION 2: HAZARDOUS IDENTIFICATION

NFPA 704 CODES: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious and 4=Severe

	Health (blue)	Flammability (red)	Reactivity (yellow)	Clothing
NFPA	1	0	0	B
HMIS	1	0	0	B

EMERGENCY OVERVIEW:

CAUTION – MAY CAUSE EYE IRRITATION – MAY CAUSE SKIN IRRITATION

LIKELY ROUTES OF EXPOSURE:

EYE: May cause mild eye irritation. Seek medical attention.

SKIN: May cause mild skin irritation. Seek medical attention.

INHALATION: May cause irritation to upper respiratory tract. Seek medical attention.

INGESTION: May be harmful if swallowed. Do not take internally. Seek medical attention.

SIGNS & SYMPTOMS: Eye discomfort or pain, excessive blinking and tear production with marked redness and swelling. Skin redness, edema, drying or cracking. Stomach distress, nausea or vomiting.

CHRONIC EFFECTS: Repeated prolonged contact may dry skin and cause irritation.

OTHER EFFECTS: May aggravate preexisting skin, eye and respiratory conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	% By Wgt*
Propylene Glycol N-Propyl Ether	1569-01-3	<16%
Organic Surfactants	73138-27-9 68585-34-2 27176-87-0	<16%
Trace Chemical including preservatives, solvents and acids	64-17-5 7664-93-9	<16%
Phosphorus, Oxygen and Sulfur Compounds as Binders	7320-34-5 7727-73-3	<11%
Water	7732-18-5	Balance

* The concentrations shown with this product are maximum levels (Wgt %) to be used for regulatory calculations.

SECTION 4: FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation or adverse symptoms occur, seek medical attention.

SKIN CONTACT: If irritation occurs, wash off immediately with soap and plenty of water. If irritation or adverse symptoms occur, seek medical attention. Wash clothes before re-use.

INHALATION: Remove to fresh air. If breathing is difficult, seek immediate medical attention.

INGESTION: Do not induce vomiting unless directed by a physician. Drink large quantities of water. If irritation or adverse symptoms occur seek medical attention.

GENERAL ADVICE: If adverse symptoms persist or in all cases of doubt, seek medical attention. Symptoms may not appear immediately.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABILITY: Not flammable by OSHA/WHMIS criteria. Does not support combustion.

MEANS OF EXTINCTION: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

PRODUCT OF COMBUSTION: May include, but not limited to the surface active components and their decomposition products. These materials should be considered irritants.

EXPLOSION DATA: Not considered an explosive hazard.

FIREFIGHTING DATA: Keep upwind of fire. Wear self-contained breathing apparatus and full protective clothing. Heated closed containers may burst due to steam pressure. Cool with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL: Use caution as surfaces may be slippery. Keep out of drains, sewers, ditches and waterways.

CONTAINMENT: Use inert material to dike/absorb.

CLEAN-UP: Transfer material to suitable containers for disposal.

OTHER: Contact CHEMTREC 800-424-9300.

SECTION 7: HANDLING AND STORAGE

HANDLING: No special handling is required under normal use. Appropriate protective clothing necessary to prevent repeated or prolonged skin contact should be worn. Skin contact should be minimized by wearing impermeable gloves. Resistant boots should be worn where spills or splashing can occur. Wash hands and other contaminated areas thoroughly with soap and water after handling this product and before eating or smoking. Wash contaminated clothing thoroughly before re-use.

STORAGE: **Keep out of reach of Children.** Store in original container only and close after each use. Temperature should be between 40° F and 100° F (4°C and 38°C). Shelf-life expected to be at least 1 year.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**EXPOSURE LIMITS:****OSHA-PEL:** Not Determined**ACGIH-TLV:** Not Determined**ENGINEERING:** Use ventilation adequate to keep exposures below recommended exposure limits.**EYE PROTECTION:** Wear eye/face protection.**HAND PROTECTION:** Wear suitable gloves.**SKIN PROTECTION:** Wear suitable protective clothing.**RESPIRATORY:** If insufficient ventilation, wear respiratory equipment.**GENERAL HYGIENE:** Handle according to established industrial hygiene and safety practices.**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:** Clear Liquid**COLOR:** Amber**ODOR:** Slight Rosemary Herb**PHYSICAL STATE:** Liquid**pH (TYPICAL):** 10.5**VISCOSITY:** Similar to Water**FREEZING POINT:** <32°F, 0°C**BOILING POINT:** >205°F, 96°C**FLASH POINT:** Not Applicable**EVAPORATION RATE:** Similar to Water**VAPOR PRESSURE:** 20 mm Hg.**DENSITY:** 1.01 g/cc.**SPECIFIC GRAVITY (H2O)=1:** 1.01**SOLUBILITY IN WATER, BY WEIGHT:** 100 %**PERCENT VOLATILE BY WEIGHT:** <25%**PERCENT VOLATILE BY VOLUME:** <25%**VOC CONTENT BY WEIGHT:** <55 g/l**SECTION 10: STABILITY AND REACTIVITY****STABILITY:** Stable under normal conditions.**CONDITIONS TO AVOID:** Avoid temps. <40° F and > 100°F.**INCOMPATIBLE MATERIALS:** May react to aluminum, magnesium and oxidizers.**HAZARDOUS DECOMPOSITION PRODUCTS:** May include, but not limited to carbon oxide, sulfur oxides, nitrogen oxides and ammonia.**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous known under normal conditions.**SECTION 11: TOXICOLOGY INFORMATION****EYE:** Minimize eye contact. Symptoms may include discomfort/pain, excessive blinking and tear production with marked redness and swelling. Seek medical attention.**SKIN:** Minimize skin contact. Minimal effect on skin. Symptoms may include redness, edema, drying and cracking. If irritation or adverse symptoms occur, seek medical attention.**INGESTION:** May be harmful if swallowed. Do not take internally. Symptoms may include stomach distress, nausea or vomiting. Seek medical attention.**INHALATION:** May be an upper respiratory irritant. Avoid breathing vapors or mist. Seek medical attention.**HAZARD CATEGORIES:** None of the product's ingredients are found on any lists of hazardous, carcinogenic or banned chemical agents or materials generated by them.**SECTION 12: ECOLOGICAL INFORMATION**

The product is biodegradable and non-toxic to sewage organism with dilution.

SECTION 13: DISPOSAL CONSIDERATIONS

The product is biodegradable and non-hazardous. Small quantities may be flushed to a sanitary or industrial sewer. Disposal of large quantities should be in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION**DOT SHIPPING NAME (49CFR 172.101):** Non-Regulated Liquid, NOS Water-Based Mixture of Surfactants.
DOT ID# (49CFR 172.101): Non-Regulated
DOT HAZARD CLASS: Non-Flammable Liquid, NOS**MARKING:** None Required**LABEL:** None Required**PLACARD:** None Required**HAZARD (29 CFR 1910.1200):** Non-Flammable**INTL. HARMONIC SYSTEM CODE:** 3402**UN NUMBER:** Not Applicable**SECTION 15: REGULATORY INFORMATION****FEDERAL:****OSHA:** This product is non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910-1200).**TSCA:** The ingredients in this product are on the TSCA inventory list and do not have special toxic warning requirements.**SARA TITLE III:** Contains no chemical subject to SARA Title III
STATE**CA PROP. 65:** This product contains no listed substances at levels that would require a warning as a product known to cause cancer, birth defects or other reproductive harm.**MA RIGHT-TO-KNOW:** This product contains no listed substances at levels that require reporting per the Substance List.**PA RIGHT-TO-KNOW:** This product contains no listed substances at levels that require reporting per the Hazardous Substance List.**Section 16: Other Information**

The information is believed to correct to the best of our knowledge, information, and belief at the date of publication. The information is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information applies only to this specific material as supplied and may not be valid for such material used in combination with any other materials or in any processes.

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC.