

expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.

MATERIAL SAFETY DATA SHEET

**PUROSYSTEMS PRODUCTS, Inc. 6001 Hiatus Rd. Ste#13•Tamarac, FL 33321
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HEALTH = 2 FLAMMABILITY = 0, REACTIVITY = 0, SPECIAL = INSIGNIFICANT DEGREE OF HAZARD: 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 =

PRODUCT NAME: **FDC 500 Heavy Duty Cleaner**

DATE: 7/23/96

DOCUMENT CODE: fdc500.doc

CHEMICAL FAMILY: Aqueous mixture

EMERGENCY 24-HOUR TELEPHONE # 1-800-424-9300 (CHEMTREC)

N/D = not determined

N/A = not applicable

SECTION I: HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA

This product has not been tested as a whole for health effects on animals or humans.

NAME	CAS NO.
ALCOHOL ETHOXYLATES	068131-39-5
Oral rat LD50 is 2-5 g/kg; dermal rabbit LD50 is 1-3 g/kg. OSHA PEL and ACGIH TLV not available.	
SODIUM ORTHOSILICATE	006834-92-0
OSHA PEL and ACGIH TLV not available.	
2-BUTOXYETHANOL	000111-76-2
Oral rat LD50 is 470 mg/kg; dermal rabbit is LD50 is 220 mg/kg; rat LC50 is 700 ppm in 7 hrs. OSHA PEL and ACGIH TLV not available.	

SECTION II: EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water for at least 20 minutes. Consult physician.
SKIN: Remove contaminated clothing. Thoroughly wash exposed skin with soap and water.
INHALED: Remove to fresh air. If symptoms persist consult physician.
INGESTION: Do not induce vomiting. Drink at least 2 glasses of milk or water. Get prompt medical attention.
PHYSICIAN: May use sodium bicarbonate to neutralize stomach contents. Treatment based on judgment of attending physician.

SECTION III: PHYSICAL / CHEMICAL DATA

APPEARANCE AND ODOR: Clear green liquid with mild ethereal odor. WATER SOLUBILITY, % BY WT: 96 - 97 %
SPECIFIC GRAVITY: 1.04 WT/GAL: 8.7 lbs. %VOLATILE BY WT: 92 - 94%
pH: 12.9 - 13.4 pH @ USE: 11.9 - 12.3 BOILING POINT: N/D

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: > 200 degrees F (TCC) AUTO-IGNITION TEMPERATURE: N/D
EXPLOSIVE LIMITS - LEL: N/D UEL: N/D
EXTINGUISHING MEDIA: Foam, CO2, water fog or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive-pressure breathing apparatus and protective clothing where this material is involved in a fire.
UNUSUAL FIRE AND EXPLOSION HAZARD: None known.

SECTION V: REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Strong acids and oxidizing agents.
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly aldehydes, ketones, unidentified organic compounds, oxides of carbon, nitrogen and phosphorous.

SECTION VI: SPILLS, LEAKS AND DISPOSAL PROCEDURES

WASTE DISPOSAL: In accordance with federal, state and local regulations.
NEUTRALIZING CHEMICALS: Weak acids, such as vinegar.

SECTION VII: PROTECTION MEASURES

VENTILATION: Local exhaust or dilution ventilation may be necessary in poorly ventilated areas.
EYE PROTECTION: Chemical resistant safety glasses.
RESPIRATORY PROTECTION: When proper ventilation cannot be achieved, use NIOSH/MSHA approved respirator equipped with organic vapor cartridges.
GLOVES: Rubber gloves. OTHER PROTECTIVE EQUIPMENT: Body-covering clothing should be worn.

SECTION VIII: SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this