

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : Chem-Power Mfg Div/ Foster & Company, Inc.  
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100  
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist  
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: REMOVIT  
CHEMICAL NAME/SYNONYMS: Carpet Spot Remover  
CHEMICAL FAMILY.....: Waterbase detergent  
FORMULA.....: Complex mixture  
PRODUCT CODE.....: 32-15

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* \* \* \* \*  
\* HEALTH..... 2 \*  
\* FLAMMABILITY.. 1 \*  
\* REACTIVITY.... 0 \*  
\* PROTECTION.... B \*  
\* \* \* \* \*

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

| CHEMICAL/COMMON NAME           | CAS-NUMBER | %     | PEL-OSHA | TLV-ACGIH |
|--------------------------------|------------|-------|----------|-----------|
| **2-Butoxyethanol              | 111-76-2   | 20-30 | 50 ppm   | 25 PPM    |
| Isopropanol                    | 67-63-0    | 10-15 | 400 ppm  | 400 ppm   |
| Sodium Thiosulfate             | 7772-98-7  | 0-1   | N/I      | N/1       |
| Nonylphenoxy polyethoxyethanol | 26207-38-3 | <2    | N/I      | N/I       |
| Monoethanolamine               | 141-43-5   | <1    | N/I      | N/A       |
| Water                          | 7732-18-5  | 50-60 | None     | None      |

\*\*this ingredient is reportable under EPA SARA Title 111-please check applicable states for additional regulations.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

| CHEMICAL/COMMON NAME | CAS-NUMBER | %   | NTP | IARC | OSHA |
|----------------------|------------|-----|-----|------|------|
| N/A                  | N/A        | N/A | N/A | N/A  | N/A  |

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-

ACUTE:Severe eye and moderate skin irritant. Can cause severe but probably not permanent corneal injury. Prolonged/repeated skin contact can cause dry skin

dermatitis. INGESTION: Toxic if swallowed. Harmful amounts may be absorbed through skin. CHRONIC: No incidence of chronic injury available. Complications of acute injuries assumed likely from continued overexposure. 2-Butoxyethanol has been reported to cause changes in blood cell count at high levels of exposure; however, not at exposures expected from use of this product. Good general ventilation and waterproof gloves are a must in handling or using this product.

PRIMARY ROUTES OF ENTRY-  
Inhalation, skin, eyes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
None expected from normal exposure (see Health Effects above).

EMERGENCY FIRST AID PROCEDURES-  
EYES: Object is to flush material out immediately then seek medical attention. Immediately flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Call physician immediately. SKIN: Wash with plenty of water for 15 minutes. Remove contaminated clothing and shoes. Wash clothes before reuse. Call physician if irritation persists. INHALATION: Move to fresh air, call physician if symptoms of headache, nausea etc. persist. INGESTION: Never give anything by mouth to an unconscious person. If conscious INDUCE VOMITING by giving a tablespoon of salt in a glass of warm water and repeat until vomit fluid is clear. Give two teaspoons of Baking Soda in a glass of water. Have patient lie down and keep warm. Cover eyes to exclude light. Call physician or poison control center immediately.

**SECTION 4 - CHEMICAL DATA**  
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|                                      |   |
|--------------------------------------|---|
| BOILING POINT (F).....: <b>212 F</b> | SPECIFIC GRAVITY (WATER=1).....: 0.95     |
| VAPOR PRESSURE (mmHg): 60 psi        | PERCENT VOLATILE BY VOLUME (%): <b>82</b> |
| VAPOR DENSITY (AIR=1): >1            | EVAPORATION RATE (water =1): <0.1         |

SOLUBILITY IN WATER-  
**100%**

APPEARANCE AND ODOR INFORMATION-  
Clear, thin liquid with lemony etheric odor.

**SECTION 5 - PHYSICAL HAZARD DATA**  
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FLASH POINT (Method Used): **180 F COC**      FLAMMABLE LIMITS : Lel=N/I    UEL=N/I

EXTINGUISHING MEDIA-  
Product is not readily combustible. If burning, water spray or fog, alcohol foam and Carbon Dioxide are most effective.

SPECIAL FIRE FIGHTING PROCEDURES-  
Keep containers cool to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
Exposure to high temperatures can release Ammonia gas which is a severe irritant to the eyes and respiratory tract.

INCOMPATIBILITY (Materials To Avoid)-  
Acids and strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS-  
Carbon Monoxide, Carbon Dioxide, some toxic Nitrogen gases including Ammonia.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
Not known to occur.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
YES

CONDITIONS TO AVOID FOR STABILITY-  
Heat.

SECTION 6 - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Keep personnel away as spill is slippery. Soak up with suitable absorbent for disposal as chemical waste. Flush residue with plenty of water but prevent residue from entering watercourses. Dispose of waste from spill according to prevailing governmental regulations.

WASTE DISPOSAL METHODS-  
Used dilute solutions of this product are not hazardous wastes as defined by RCRA. Evacuate to atmospheric pressure and wrap in paper for industrial waste disposal. Consult Federal, state and local authorities for guidance before any disposal of full cans or any gross amount of this product.

SECTION 7 - EXPOSURE CONTROL INFORMATION  
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VENTILATION-  
LOCAL EXHAUST: If necessary for TLV MECHANICAL (General): Good necessary  
SPECIAL.....: maintenance 25 ppm OTHER.....: N/A

RESPIRATORY PROTECTION-  
NIOSH approved for Hydrocarbon vapors if good local ventilation not available.

PROTECTIVE GLOVES-  
Rubber, neoprene, polyethylene or other impervious material.

OTHER PROTECTIVE EQUIPMENT-

Splashproof goggles, safety glasses or face shield.

OTHER ENGINEERING CONTROLS-

Protection from sprays containing this material.

WORK PRACTICES-

Work small areas to avoid increased concentration of vapors in the work area.

HYGIENIC PRACTICES-

Rinse hands with water BEFORE using lavatory facilities when hands have contacted this product.

**SECTION 8 - SPECIAL PRECAUTIONS**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Store at ambient temperature, avoid freeze-thaw cycles.

MAINTENANCE PRECAUTIONS-

N/I

OTHER PRECAUTIONS-

KEEP OUT OF REACH OF CHILDREN

ADDITIONAL COMMENTS-

Not regulated by DOT. Shipping Name: Compound, cleaning, Liquid, Class 55.