

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...: ZORBALL
CHEMICAL NAME/SYNONYMS: All Purpose Degreaser
CHEMICAL FAMILY.....: Water-base detergent
FORMULA.....: Complex mixture
PRODUCT CODE.....: 14-83

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
Sodium Metasilicate	6834-92-0	<6	N/I	5 mg/m3
*Sodium Tripolyphosphate	7758-29-4	2-5	N/I	5 mg/m3
Nonylphenoxypolyethoxyethanol	26027-38-3	<2	N/I	N/I
Cocamidopropylbetaine	70851-07-9	<2	N/I	N/I
Alkyl-dimethylbenzyl Ammonium Chloride	68391-01-5	<1	N/I	N/I
AlkyldimethylethylbenzylAmmoniumChloride	68956-79-6	<1	N/I	N/I
Direct Blue 86 CI#74180	1330-38-7	<.01	N/I	N/I
Water	7732-18-5	>80	None	None

*This ingredient is reportable under EPA
SARA Title III-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 and possibly permanent corneal injury. Prolonged/repeated skin contact can cause dry skin dermatitis. Harmful if swallowed.

CHRONIC: No incidence of chronic injury likely. No data available.

PRIMARY ROUTES OF ENTRY-

Eye and skin exposure are expected to be possible routes of over-exposure if need for safety equipment is ignored.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

None known

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 insure 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. IF SWALLOWED: DO NOT induce vomiting. If conscious, give several glasses of milk. Get medical help immediately. INHALATION: Move to fresh air call physician if symptoms persist.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: app212	SPECIFIC GRAVITY (WATER=1).....: 1.05
VAPOR PRESSURE (mmHg): water	PERCENT VOLATILE BY VOLUME (%): 87
VAPOR DENSITY (AIR=1): N/I	EVAPORATION RATE (water =1): 1

SOLUBILITY IN WATER-

100%, pH=12.4

APPEARANCE AND ODOR INFORMATION-

Clear turquoise liquid, slight non-descript odor

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-

Not combustible

SPECIAL FIRE FIGHTING PROCEDURES-

N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS-
None known

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

HAZARDOUS DECOMPOSITION PRODUCTS-
In a fire, very small amounts of Phosphorus oxides possible

WILL HAZARDOUS POLYMERIZATION OCCUR-
NO

CONDITIONS TO AVOID FOR POLYMERIZATION-
None known

IS THE PRODUCT STABLE-
YES

CONDITIONS TO AVOID FOR STABILITY-
N/A

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-
Dike and contain spill. Soak up with suitable absorbent and place in container for disposal as chemical waste. Flush residue with plenty of water but prevent residue from entering water-courses. 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 provided the solutions have not been adulterated with material which would render it hazardous. Consult Federal, state and local authorities for guidance in assessing the hazards of your particular waste or for disposal of unused portions of this concentrate.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-
LOCAL EXHAUST: Not normally needed MECHANICAL (General): Espec. when sprayed
SPECIAL.....: N/I OTHER.....: N/A

RESPIRATORY PROTECTION-
Not normally needed

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-

N/A

HYGIENIC PRACTICES-

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

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Store at ambient temperature, avoid freeze-thaw cycles.

MAINTENANCE PRECAUTIONS-

Keep container closed. Do not leave loose liquid on head of drum.

OTHER PRECAUTIONS-

KEEP OUT OF REACH OF CHILDREN

ADDITIONAL COMMENTS-

Authorized for use by the USDA in Federally inspected meat and poultry establishments on all surfaces with a potable rinse. Not regulated by DOT. Shipping name: Compound, cleaning. Class 55.