

MATERIAL SAFETY DATA SHEET

OSHA - Meets 29 CFR 1910.1200 Standards

HMIS HAZARD RATINGS



Touching a Life one Bubble at a Time
 Over 60% of the profits derived from the manufacturing of
EnviroSpec Cleaning Chemicals
 are donated nationally to Charities for Children & Animals

HEALTH	1	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	2	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Not Regulated		
HAZARD CLASS / PKG GRP:	Not regulated	REF:	Not Applicable
IDENTIFICATION NUMBER:	None	LABEL:	None Required

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

ZP3P

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MANUFACTURER'S NAME

EnviroSpec

EMERGENCY TELEPHONE NUMBER

Chemtrec (800) 424-9300 Outside USA (703) 527-3887

ADDRESS (NUMBER, STREET, P.O. BOX)

751 MLK Highway

TELEPHONE NUMBER FOR INFORMATION

(912) 487-1778

(CITY, STATE AND ZIP CODE)

Homerville, GA 31634

DATE PREPARED: April 11, 2005

SUPERSEDES: New

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (OPTIONAL)	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Sodium phosphate, tribasic (STPP) (a)	7758-29-4	60 - 90	not established					5000
Ethylene glycol monobutyl ether (b,c)	111-76-2	10 - 30		240	20		Yes	

(a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 7,000 lbs) or greater amounts, according to 40 CFR 302.

(b) A "Yes" in the SARA TITLE III column in Section 2 indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

(c) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Breathing dusts may cause irritation of respiratory tract.

EMERGENCY AND FIRST AID PROCEDURES

Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

SKIN: Prolonged contact may cause irritation.

Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

EYES: Contact with eyes will cause irritation.

Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

INGESTION: May cause gastric distress, vomiting and diarrhea.

Drink large quantities of water or milk; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention immediately.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)
165° F (73.9° C)

NFPA RATING
None

FLAMMABLE LIMITS
LEL: 1.1% UEL: 10.6%

EXTINGUISHING MEDIA
Carbon dioxide, water, water fog, dry chemical, chemical foam.

SPECIAL FIRE FIGHTING PROCEDURES
Airborne dusts may form explosive mixtures if allowed to concentrate in confined area. Contact with strong oxidizers may cause fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Heated powders will emit combustible vapor of the glycol ether.

SECTION 5 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills - confine spill, shovel product into approved container for disposal. For spills in excess of allowable limits (RQ) notify the National Response Center (800) 424 - 8802; refer to CERCLA 40 CFR 302 for detailed instructions; refer to SARA Title III, Section 313, 40 CFR 372 concerning reporting requirements.

SECTION 6 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Store in cool, dry area. Keep this and other chemicals out of reach of children.

SECTION 7 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

VENTILATION LOCAL EXHAUST: Required
MECHANICAL (GENERAL): Yes

SPECIAL: To maintain minimum TWA and STEL levels.
OTHER: Engineering and work controls as required.

PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs. EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls, apron, or other equipment should be worn to prevent skin contact, safety eyewash station near work / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT Not applicable

SPECIFIC GRAVITY (WATER = 1) 2.5 - 2.8

VAPOR PRESSURE (MM Hg) Not applicable

pH 11.5 - 12.5 (2% aqueous solution)

VAPOR DENSITY (AIR = 1) Not applicable

EVAPORATION RATE (WATER = 1) Not applicable

SOLUBILITY IN WATER Complete

% VOLATILE (BY WEIGHT) < 17%

APPEARANCE AND ODOR White free flowing powder, characteristic odor

SECTION 9 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: XXX

CONDITIONS TO AVOID: Avoid generating airborne dust.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids, strong alkalis.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX

CONDITIONS TO AVOID: None

SECTION 10 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations for alkaline materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.