

# MSDS

## MATERIAL SAFETY DATA SHEET

C & W UNLIMITED  
217 A WASHINGTON AVE  
CARLSTADT, NJ 07072

EMERGENCY TELEPHONE NUMBER  
**201-933-4343**

HAZARD RATING  
4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT

HMIS RATING  
HEALTH 1  
FLAMMABILITY 1  
REACTIVITY 0  
PERSONAL PROTECTION X

DATE ISSUED: APRIL 3, 1997

### SECTION I PRODUCT INFORMATION

PRODUCT NAME : Viva Alkaline SC  
CHEMICAL NAME : Complex Mixture  
MOLECULAR FORMULA : Mixture  
SYNONYMS : None  
CHEMICAL FAMILY : Inorganic Phosphates

### SECTION II COMPONENT INFORMATION

#### COMPONENTS :

Water: CAS Reg. No. 7732-18-5; content approximately 60%, TLV-Non hazardous  
Potassium pyrophosphate: CAS Reg. No. 7320-34-5; content less than 30%, TLV-PEL not established  
Surfactant: CAS Reg. No. mixture, content less than 3%, TLV-PEL not determined, LD 50 3,810 mg/kg oral rat  
Sodium phosphate: CAS Reg. No. 68915-31-1, less than 10%, LD 50 2.9 g/kg oral rat

No other chemicals in this product exceed the minimum reporting level established by SAR-313 and 40 CFR 372.

### SECTION III PHYSICAL PROPERTIES

BOILING POINT : 218 degrees F  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1) : 1.353 @ 25 degrees C  
SOLUBILITY IN WATER : Miscible  
EVAPORATION RATE : (n-BuOAc = 1.) : 0.5  
APPEARANCE & ODOR : Light brown liquid with a slight odor.  
MELTING POINT : N/A  
VAPOR PRESSURE : 24 mmHg/ 25 degrees C  
pH (neat) : 10.20  
VOC'S (METHOD 24) : 0

### SECTION IV FIRE & EXPLOSION DATA

FLASH POINT : N/A (not flammable).  
FLAMMABLE LIMITS : N/A

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to keep fire-exposed containers cool until fire is out.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS : Phosphoric oxides generated at extreme temperatures can react with most metals to release hydrogen gas.

## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : Not established. See page 1 for individual components.

EFFECT OF OVEREXPOSURE : Prolonged overexposure may cause coughing and difficult breathing. Eye/skin contacts may cause irritation. Ingestion of large quantities may cause headache, nausea, vomiting and/or gastrointestinal irritation. Inhalation of vapors or mists may irritate the respiratory passages.

EMERGENCY AND FIRST AID TREATMENT: Flood exposed skin or eyes with plenty of water and soap. If irritation persists get medical attention. For ingestion drink large quantities of water or milk. Induce vomiting by inserting finger down the throat. Get medical attention.

CHRONIC EFFECT(S) OF OVEREXPOSURE: No known chronic effects.

## SECTION VI REACTIVITY DATA

STABILITY : Stable  
INCOMPATIBILITY / AVOID CONTACT WITH : Strong caustic and mineral acids  
HAZARDOUS DECOMPOSITION PRODUCT : Fumes of phosphoric oxides  
HAZARDOUS POLYMERIZATION : Will not occur  
CONDITION TO AVOID : None

## SECTION VII SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If possible, recover free liquid prior to disposal. Soak up small spills with suitable absorbents. Flush the exposed area with large quantities of water into a sewer or suitable container.

WASTE DISPOSAL METHOD: Small quantities may be run to a sewer. Comply with all applicable federal, state and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) : None required at ordinary working condition.

VENTILATION :

LOCAL EXHAUST : No special requirements  
MECHANICAL (GENERAL) : Acceptable  
OTHER : None  
PROTECTIVE GLOVES : Impervious  
EYE PROTECTION : Safety goggles  
OTHER PROTECTIVE EQUIPMENT : None required for small quantity handling

## SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE : Keep in tightly sealed container. Store in a cool, dry, well-ventilated place away from incompatible materials.

OTHER PRECAUTIONS : Avoid contact with food products.

## SECTION X REQUIREMENTS FOR TRANSPORTATION

PROPER SHIPPING NAME : Viva Alkaline SC  
HAZARDOUS CLASSIFICATION : Not Dot Regulated  
IDENTIFICATION NUMBER : None  
REPORTABLE QUANTITY : None  
IMCO CLASS (International Travel) : Chemicals, N.O.S. (Non regulated)  
ADDITIONAL LABELING : None

## SECTION XI REGULATORY INFORMATION

### Status on Substance List FEDERAL EPA

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4

Components present in this product at a level which could require reporting under the statute are: NONE

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 used for SARA 302, 304, 311 and 312.

Components present in this product at a level which could require reporting under the statute are: NONE

Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.

Components present in this product at a level which could require reporting under this statute are: NONE

Toxic Substances Control Act (TSCA) status: Listed on the TSCA inventory

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