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**FOR CHEMICAL EMERGENCY**  
Involving Shipping and Handling Spills, Leak, Fire, Exposure or Accident  
**Call CHEMTREC 1-800-424-9300**

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

**Section 1 - Product Identification**

Product Name: ESP® Espresso Machine Tablets, all sizes

Product ID: 4300X

**Section 2 - Composition/Information on Ingredients****CHEMICAL NAME**

Monosodium Phosphate Anhydrous

**CAS REG. #**

7558-80-7

Sodium Carbonate Anhydrous

497-19-8

*Other ingredients are judged to be non-hazardous, their CAS numbers and their exact percentage of composition are proprietary to National Chemicals, Inc.***Section 3 - Hazards Identification**

NFPA: Health 1 Fire 0 Reactivity 0

HMIS: Health 1 Fire 0 Reactivity 0

**EMERGENCY OVERVIEW:** Irritating to the eyes and continuous contact may irritate the skin. Not expected to be toxic to the environment, nor to aquatic organisms.. Reacts with acid to release carbon dioxide gas and heat.**Section 4 - First Aid Measures****EYE CONTACT:** Flush eyes with water.**SKIN CONTACT:** Wash with soap and water. Wash heavily contaminated clothing before reuse.**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen.**INGESTION:** Immediate first aid is not likely to be required. A physician or Poison Control Center can be contacted for advice.**Section 5 - Fire Fighting Measures****EXTINGUISHING MEDIA:** Water, water fog, carbon dioxide (CO<sub>2</sub>), dry chemical**FIRE AND EXPLOSION HAZARDS:** not applicable**HAZARDOUS COMBUSTION PRODUCTS:** Fumes of sodium oxide.**Section 6 - Accidental Release Measures**

Prevent large quantities of this product from contacting vegetation or waterways; large spills could kill vegetation and fish. Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

**Section 7 - Handling and Storage****HANDLING:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep material out of lakes, streams, ponds and sewer drains.**STORAGE:** Keep container tightly closed and properly labeled. Store in cool, dry place, away from acids.**Section 8 - Exposure Controls and Personal Protection****RESPIRATORY PROTECTION:** Avoid breathing dust.**EYE PROTECTION:** Use good industrial practice to avoid eye contact.**HAND/SKIN PROTECTION:** Wash hands and contaminated skin thoroughly after handling.**Section 9 - Physical and Chemical Properties****APPEARANCE:** white tablet**ODOR:** odorless**FLASH POINT:** not flammable**WATER SOLUBILITY:** soluble**BOILING POINT:** no data available**FREEZING POINT:** 851° C (1564° F)**VAPOR PRESSURE:** no data available**VAPOR DENSITY:** no data available**Section 10 - Stability and Reactivity****STABILITY:** Stable**CONDITIONS TO AVOID:** Contact with acids except under controlled conditions.**INCOMPATIBLE MATERIALS:** Aluminum powder, acids, fluorine, molten lithium**HAZARDOUS DECOMPOSITION:** Heated to decomposition, it emits fumes of sodium oxide.

**Section 11 - Toxicological Information**

ACUTE EFFECTS FROM OVEREXPOSURE: May cause severe irritation of the eyes, including corneal opacities. Dusts and mists may be irritating to the skin, mucous membranes and upper respiratory tract. No significant acute toxicological effects expected.

CARCINOGENICITY: NTP: not listed IARC: not listed OSHA: not listed other: (ACGIH) not listed

**Section 12 - Ecological Information**

No definitive algal toxicity or biodegradation data is available.

**Section 13 - Disposal Considerations**

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

**Section 14 - Transport Information**

Not classified as hazardous according to Department of Transportation.

**Section 15 - Regulations**

SARA HAZARD NOTIFICATION

HAZARD CATEGORIES UNDER TITLE III RULES (40 CFR 370): Immediate (Acute) Health Hazard

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: Not Applicable

SECTION 313 TOXIC CHEMICAL(S): Not Applicable

CERCLA REPORTABLE QUANTITY: Not Applicable

WHMIS CLASSIFICATION: Not Controlled

**Section 16 - Other Information**

SUPERSEDES DATE: July 22, 2009

*The information and recommendations in this Material Safety Data Sheet are based upon data believed to be correct and does not relate to its use in combination with any other material or process. Since use conditions vary, we assume no liability for failure to follow product use direction and safety precautions. As data, standards and regulations change; NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*