

**National
Chemicals
Incorporated**

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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: TDC® Powder Detergent, all sizes

Product ID: 2200X, 24001

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

Sodium Carbonate Anhydrous

CAS REG. #

497-19-8

Sodium Tripolyphosphate

7758-29-4

Tetrasodium Pyrophosphate

7722-88-5

Sodium Dodecylbenzene Sulfonate

246-680-4

*Other ingredients are judged to be non-hazardous, their CAS numbers and their exact percent of composition are proprietary to National Chemicals, Inc.***Section 3 - Hazards Identification****EMERGENCY OVERVIEW:** WARNING! Irritating to the eyes and continuous contact may irritate the skin. Product is non-combustible. Reacts with acid to release carbon dioxide gas and heat. Not expected to be toxic to the environment, nor to aquatic organisms.**POTENTIAL HEALTH EFFECTS:** Direct contact with the product causes irritation of the eyes and continuous contact may cause skin irritation (red, dry, cracked skin). Excessive levels of airborne dust may irritate the mucous membranes and upper respiratory tract.**Section 4 - First Aid Measures****EYES:** Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes lifting the upper and lower eyelids intermittently. Washing eyes within several seconds is essential to achieve maximum effectiveness.**SKIN:** Wash with soap and water. If irritation occurs and persists, obtain medical attention.**INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen.**INGESTION:** Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops.**Section 5 - Fire Fighting Measures****FLAMMABLE LIMITS:** Not flammable**FIRE AND EXPLOSION HAZARDS:** None**EXTINGUISHING MEDIA:** Use extinguishing agents appropriate for surrounding fire**HAZARDOUS COMBUSTION PRODUCTS:** Fumes of sodium oxide.**Section 6 - Accidental Release Measures**

Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Residue may be flushed to sewer with plenty of water.

Section 7 - Handling and Storage**HANDLING:** Avoid contact with eyes. Wash thoroughly after handling.**STORAGE:** Keep container tightly closed and properly labeled. Store in cool, dry area, away from acids.**Section 8 - Exposure Controls / Personal Protection****EYE/FACE PROTECTION:** Safety glasses with side shields are recommended.**SKIN PROTECTION:** Dry product is generally non-irritating to intact skin but can be irritating where skin has been damaged and can create skin irritation after long exposures when moisture is present. Under such conditions, gloves are recommended.**RESPIRATORY PROTECTION:** Avoid breathing dust.**HYGIENIC PRACTICES:** Wash hands with soap and water after handling product.**Section 9 - Physical and Chemical Properties****APPEARANCE:** white, granular solid**ODOR:** odorless**BOILING POINT:** decomposes**WATER SOLUBILITY:** soluble

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. Reacts with acids with release of large volumes of carbon dioxide gas and heat

HAZARDOUS DECOMPOSITION: Heated to decomposition, it emits fumes of sodium oxide.

POLYMERIZATION: Will not occur

Section 11 - Toxicological Information

When in solution, this material may affect all tissues with which it comes in contact. The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur.

CARCINOGENICITY: NTP: NOT LISTED IARC: NOT LISTED OSHA: NOT LISTED OTHER: (ACGIH) NOT LISTED

Section 12 - Ecological Information

ECOTOXICITY: low toxicity

CHEMICAL FATE: Biodegradability does not apply to inorganic substances. No significant toxicity to aquatic organisms is expected.

Section 13 - Disposal Method

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

Section 14 - Transportation Information

Not classified as hazardous according to Department of Transportation.

Section 15 - Regulatory Information

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A): not listed

SECTION 311 HAZARD CATEGORIES (40 CFR 370): Immediate (Acute) Health Hazard

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): not listed

SECTION 313 HAZARD REPORTABLE INGREDIENTS (40 CFR 370): not listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT)

CERCLA DESIGNATION AND REPORTABLE QUANTITIES (RQ) (40 CFR 302.4): not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA INVENTORY STATUS (40 CFR 710): some ingredients listed

Section 16 - Other Information

SUPERSEDES DATE: June 30, 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.