

MATERIAL SAFETY DATA SHEET

HIGH HEAT POWDERED DETERGENT

SECTION I: PRODUCT INFORMATION

TRADE NAME: HIGH HEAT POWDERED DETERGENT

SUPPLIER/MANUFACTURER: Chemspec-Hunnisett, 1260 Lakeshore Rd. E., Mississauga, Ont., L5E 3B8 (416) 421-5212

PREPARATION DATE: April 9, 2008

PRODUCT USE: Carpet cleaning detergent

PRODUCT IDENTITY: Mixture

CLASS: D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Sodium Tripolyphosphate CAS# / NA# / UN#: 7758-29-0 CONC: (W/W) 40-70%
OSHA PEL ACGIH TLV: 15 mgs / cu meter TOXICITY (LD50 & LC50): Not available

CHEMICAL IDENTITY: Sodium Carbonate CAS# / NA# / UN#: 497-19-8 CONC. (W/W): 7 - 13 %
OSHA PEL, ACGIH TLV: Not available TOXICITY: LD50 oral, rat 4000 mg / kg
LC50 2300 mg / cu. meter / 2 hrs.

CHEMICAL IDENTITY: Phosphate Ester CAS# / NA# / UN#: 68130-47-2 CONC. (W/W): 10 -30 %
OSHA PEL, ACGIH TLV: Not Available TOXICITY: LD50 (oral, rat) Not Available

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Powder APPEARANCE AND ODOR: Blue powder, fresh odor
ODOR THRESHOLD: Not applicable SPECIFIC GRAVITY: Not applicable
VAPOR PRESSURE: Not applicable VAPOR DENSITY: Not applicable
EVAPORATION RATE: Not applicable BOILING POINT: Not applicable
FREEZING POINT: Not applicable pH: at use 9.5 – 10.5
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable WATER SOLUBILITY: 35g / 1 litre

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: None
(a)
(b)
MEANS OF EXTINCTION: Fight means of original fire
FLASHPOINT & METHOD OF DETERMINATION: Not applicable
UPPER FLAMMABLE LIMIT: Not applicable
LOWER FLAMMABLE LIMIT: Not applicable
AUTO-IGNITION TEMPERATURE: None
HAZARDOUS COMBUSTION PRODUCTS: None known
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: Not sensitive
EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE: Not sensitive

SECTION V: REACTIVITY DATA

CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable
NAME OF ANY SUBSTANCE OR CLASS OF
SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Concentrated acids
CONDITIONS OF REACTIVITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: Possible oxides of carbon and phosphates.

MATERIAL SAFETY DATA SHEET
HIGH HEAT POWDERED DETERGENT

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
 SKIN CONTACT: None known
 SKIN ABSORPTION: None known
 EYE CONTACT: Irritant
 INHALATION: Possible irritant
 INGESTION: Possible irritant
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: None known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known
EXPOSURE LIMITS:
IRRITANCY OF PRODUCT: See above
SENSITIZATION TO PRODUCT:
CARCINOGENICITY: None known
REPRODUCTIVE TOXICITY: None known
TERATOGENICITY: None known
MUTAGENICITY: None known
NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Recommend wearing gloves and protective goggles when mixing this product.
ENGINEERING CONTROLS: Have fresh air
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL:
WASTE DISPOSAL: Dispose of according to local and federal regulations
HANDLING PROCEDURES AND EQUIPMENT: None normally required
STORAGE REQUIREMENTS: Normal
SPECIAL SHIPPING INFORMATION: Not required

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE CONTACT: Flush with water for at least 15 minutes. Seek medical attention.
IN CASE OF SKIN CONTACT: Wash with soap and water
IF INHALED: Remove to fresh air
IF INGESTED: Drink copious amounts of water. Do not induce vomiting. Consult physician.
PHYSICIAN: Treatment based on judgement of attending physician

SECTION IX: PREPARATION INFORMATION

PREPARED BY: E. Vismantas (416) 421-5212
24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666

SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human - system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim all expressed or implied warranties of merchantability or of liability from the use of this product. The information contained herein, as of this date, is believed to be true and accurate, but it is the user's obligation to study the MSDS and determine the conditions for the safe use of this product.
