

MATERIAL SAFETY DATA SHEET

HAITIAN COTTON UPHOLSTERY SHAMPOO

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SECTION I: PRODUCT INFORMATION

TRADE NAME: HAITIAN COTTON UPHOLSTERY SHAMPOO
SUPPLIER/MANUFACTURER: Chemspec-Hunnisett, #100, 211 Westcreek Dr. Woodbridge, Ont. L4L 9T7 (416) 421-5212
PREPARATION DATE: January 17, 2008
PRODUCT USE: Upholstery Cleaner
PRODUCT IDENTITY: Mixture

CLASS D2B

SECTION II: HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY: Sodium Carbonate CAS# / NA# / UN#: 497-19-8 CONC. (W/W): 1% - 5%
OSHA PEL, ACGIH TLV: Not established TOXICITY: LD50 oral, rat 4 g / kg
LD50 dermal, rabbit 500 mg / 24 hrs.

CHEMICAL IDENTITY: Sodium Metabisulphite CAS# / NA# / UN#: 7681-57-4 CONC. (W/W): 15% - 40%
OSHA PEL, ACGIH TLV 5 ppm TOXICITY: LD50 oral, rat 1280 mg / kg

CHEMICAL IDENTITY: Alpha Olefin Sulphonate CAS# / NA# / UN#: 68439-57-6 CONC. (W/W): 10% - 30%
OSHA PEL, ACGIH TLV: TOXICITY: LD50 oral, rat 3900 mg / kg

SECTION III: PHYSICAL DATA

PHYSICAL STATE: Liquid APPEARANCE AND ODOR: Slight yellow, pungent odor of SO2
ODOR THRESHOLD: Unknown SPECIFIC GRAVITY: 1.14
VAPOR PRESSURE: Similar to water VAPOR DENSITY: 1.4
EVAPORATION RATE: Similar to water BOILING POINT: Approx. 100 degrees C
FREEZING POINT: Not determined pH: 5.5 - 6
COEFFICIENT OF WATER/OIL DISTRIBUTION: Miscible in water WATER SOLUBILITY: 100%

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY:(a) Not Flammable
MEANS OF EXTINCTION: CO2, water or foam
FLASHPOINT & METHOD OF DETERMINATION: Over 94 degrees C (TOC)
UPPER FLAMMABLE LIMIT: None LOWER FLAMMABLE LIMIT: None
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: Temperatures over 94 degrees C
NAME OF ANY SUBSTANCE OR CLASS OF
SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Acids, sodium nitrite
CONDITIONS OF REACTIVITY: High temperatures
HAZARDOUS DECOMPOSITION PRODUCTS: Emits toxic fumes of SO2 and N2O

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
SKIN CONTACT: Irritant SKIN ABSORPTION: Irritant
EYE CONTACT: Can burn eyes INHALATION: Sensitive persons may experience respiratory allergic reactions.
INGESTION: May irritate GI tract. Large doses may cause colic, diarrhea, depression.
EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Not known
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Not known
EXPOSURE LIMITS: Not known IRRITANCY OF PRODUCT: Inhalation and ingestion - See above
SENSITIZATION TO PRODUCT: None known CARCINOGENICITY: None known
REPRODUCTIVE TOXICITY: None known TERATOGENICITY: None known
MUTAGENICITY: None known NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known

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SECTION VII: PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Gloves, safety glasses, approved mask.
ENGINEERING CONTROLS: Mechanical ventilation to keep below TLV
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Mop up
WASTE DISPOSAL: Flush to sanitary sewer if permitted by Municipal & Provincial regulations.
HANDLING PROCEDURES AND EQUIPMENT: Normal
STORAGE REQUIREMENTS: Store below 35 degrees C
SPECIAL SHIPPING INFORMATION: Bisulfites, Aqueous Solution, N.O.S., Sodium Bisulphite Class 8 UN 2693 Packing Group III.

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE CONTACT: Flush with water. Consult physician.
IN CASE OF SKIN CONTACT: Flush with water.
IF INHALED: Remove to fresh air. If symptoms persist seek medical attention.
IF INGESTED: Conscious - give H2O or milk. Induce vomiting. Obtain medical attention.
PHYSICIAN: Product liberates SO2 on contact with moisture.

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 container 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.
