

**MATERIAL SAFETY DATA SHEET****CHEMSPEC® • 901 N. NEWKIRK STREET • BALTIMORE, MD 21205 • (410) 675-4800**

HEALTH = 2, FLAMMABILITY = 2, REACTIVITY = 1, SPECIAL = NONE, DEGREE OF HAZARD: 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT

PRODUCT NAME: **HAITIAN COTTON UPHOLSTERY SHAMPOO**

DOCUMENT CODE: Haitian Cotton Upholstery Shampoo

CHEMICAL FAMILY: Mixture

DATE: 03/15/94

DATE REVIEWED: 08/18/99

**EMERGENCY 24-HOUR TELEPHONE # 1-800-424-9300 (CHEMTREC)**

N/A = Not applicable

N/D = Not determined

**SECTION I: HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA**

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS.

**SECTION I (a): List of carcinogenic ingredients at >0.1%.**

NAME	CAS NO.
TRISODIUM NITRILOTRIACETATE	18662-53-8

May cause eye and skin irritation. Oral rat LD50 is 1450 mg/kg; dermal rabbit LD50 is > 10,000 mg/kg. Listed as a possible carcinogen by IARC and NTP. OSHA PEL and ACGIH TLV not available. Detergents containing Sodium Nitrilotriacetate are exempt from labeling under California Proposition 65 because exposure in detergent applications are significantly less than the "NO SIGNIFICANT RISK LEVEL" established by Cal-EPA for this compound. The Universities Associated for Research and Education in Pathology, Inc. determined that the cancer risk to man was so low 'one in ten million or less' as to be of no practical significance. Thus UAREP concluded that 'use of NTA in detergent products does not pose a practical risk to human health.'

**SECTION I (b): List of hazardous ingredients at > 1.0%.**

NAME	CAS NO.
SODIUM METABISULFITE	7681-57-4
ETHANOL	64-17-5

Can cause irritation of eyes, nose, throat and respiratory system. Can aggravate existing respiratory and skin disorders. Asthmatics should not be exposed to material. ACGIH TLV is 5 mg/m<sup>3</sup>.

May cause eye irritation and injury. May cause skin irritation. Inhalation may cause respiratory irritation and CNS effects. Ingestion can cause irritation, nausea, vomiting and diarrhea. Symptoms may be delayed 6-30 hrs. Aspiration may lead to chemical pneumonitis. Overexposures may effect liver, kidney, eye, lung, brain and nervous system. IARC has determined that consumption is associated with birth defects and over a period of time can cause cancer. OSHA PEL and ACGIH TLV are 1000 ppm.

**SECTION II: EMERGENCY AND FIRST AID PROCEDURES**

EYES: Flush with water for at least 15 minutes. Consult physician.  
SKIN: Remove contaminated clothing. Thoroughly wash exposed skin with soap and water.  
INHALED: Remove to fresh air. If symptoms persist or are severe consult physician.  
INGESTION: Do not induce vomiting. Drink water. Seek medical attention.  
PHYSICIAN: Treatment based on judgment of attending physician. Danger of lung aspiration must be weighed against toxicity of mixture. Contains Sodium Bisulfite that may produce hypersensitivity reactions in asthmatics.

**SECTION III: PHYSICAL / CHEMICAL DATA**

APPEARANCE AND ODOR: Clear yellow liquid with floral odor.  
WATER SOLUBILITY, % BY WT: 85 - 90      SPECIFIC GRAVITY: 1.14      pH @ use: 5.0-6.0  
%VOLATILE BY WT: 80 - 85      WT/GAL: 9.5 lbs.      BOILING POINT: N/D

**SECTION IV: FIRE AND EXPLOSION DATA**

FLASH POINT: 110 degrees F (TCC)      AUTO-IGNITION TEMPERATURE: N/D  
EXPLOSIVE LIMITS - LEL: N/D      UEL: N/D  
EXTINGUISHING MEDIA: Foam, CO<sub>2</sub>, dry chemical or water fog.  
SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive-pressure breathing apparatus and protective clothing where this material is involved in a fire.  
UNUSUAL FIRE AND EXPLOSION HAZARD: Combustible. Keep away from heat and sources of ignition.

**SECTION V: REACTIVITY DATA**

STABILITY: Stable      HAZARDOUS POLYMERIZATION: Will not occur.  
INCOMPATIBILITY: Strong oxidizing agents, acids and bases.  
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: SO<sub>2</sub> and possibly nitrogen oxides, CO, CO<sub>2</sub>, H<sub>2</sub>O and unidentified organic compounds.

**SECTION VI: SPILLS, LEAKS AND DISPOSAL PROCEDURES**

WASTE DISPOSAL: In accordance with Federal, State and Local regulations.      NEUTRALIZING CHEMICALS: Water

**SECTION VII: PROTECTION MEASURES**

VENTILATION: Local exhaust or dilution ventilation.      EYE PROTECTION: Chemical resistant safety glasses.  
RESPIRATORY PROTECTION: When adequate ventilation cannot be achieved, use NIOSH/MSHA approved respirator equipped with acid vapor cartridges.  
GLOVES: Rubber gloves.      OTHER PROTECTIVE EQUIPMENT: Body-covering clothing should be worn.

**SECTION VIII: 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 any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.