

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: HAITIAN COTTON SHAMPOO	Manufacturer: ESTEAM	Flammability: 0
Chem. Name: N/A	Trade Name: Haitian cotton shampoo	Reactivity: 0
Chem. Family: Mixture	Use: Haitian Cotton cleaner	Health: 2
		Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Sodium Metabisulfite	7681-57-4	1-5	LD50 1540 mg/kg (oral-rat)	5 mg/m3
Sodium Nitroliacetate	18662-53-8	1-5	LD50 830 mg/kg (oral-rat)	N/D

PHYSICAL DATA				Freeze/Thaw
Physical State: Liquid	Boiling Point (C): N/D	Solubility in Water: 100%	Evaporation Rate: N/D	Stable: Yes
Odor/ Appearance: Clear, strong sulfur odor	Freezing Point (C): 0	Ph (undiluted): 2.6	Specific Gravity: N/D	Percent Volatile (vol): N/D
				Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD		Conditions:
Flammability: N	Hazardous Combustion Products: N/A	
Means of Extinction: N/A	Upper Explosion Limit (% by vol): N/A	
Special Procedures: Avoid fumes.	Lower Explosion Limit (% by vol): N/A	
Explosion Sensitivity to Impact: N/A	Auto-ignition: N/A	
Chemical Sensitivity to Static Discharge: N/A	Rate of Burning: N/A	TDG/WHMIS: Non hazardous / D2B
Flashpoint (C) & Method: N/A	Explosive Power: N/A	

REACTIVITY DATA	Chemical Stability:
Hazardous Decomposition Product: CO, CO2	Stable
	Incompatible Substances: None known

TOXICOLOGICAL PROPERTIES			Effects of Overexposure:
Route of Entry - Skin Contact: Y	Reproductive Effects Y/N: N		Acute Effects: Inhalation of vapour may be irritating. Vapours may irritate eyes. Skin and eye contact may cause irritation. Chronic Effects: None known.
Route of Entry - Skin Absorption: N	Carcinogenicity Y/N: N		
Route of Entry - Eye Contact: Y	Mutagenicity Y/N: N		
Route of Entry - Inhalation: Y	Teratogenicity Y/N: N		
Route of Entry - Ingestion: Y	TLV: N/D		

PREVENTATIVE MEASURES	Gloves:	Footwear:	Clothing:
	Recommended	N/A	N/A
	Eyes: Chemical goggles	Respirator: NIOSH respirator	Other: N/A

Recommended Engineered Controls: Use with adequate ventilation.	Leak & Spill Procedures: Flush to a sanitary sewer with water.	Waste Disposal Methods: According to federal, provincial and municipal regulations.	Special Handling Procedures: Store in a cool, dry place. Keep container closed when not in use.
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FIRST AID MEASURES	
Inhalation:	Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.
Ingestion:	Contact a physician.
Eye Contact:	Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.
Skin Contact:	Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 8, 2010	Mailing Address: Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
Prepared By: R. Russell	
Source Material: Manufacturer's MSDS	
Emergency Response: 1-613-996-6666 (Transport Emergencies)	



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.