

Date: November 20, 2008
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Former date: July 21, 2008
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1. IDENTIFICATION OF THE CHEMICAL AND OF MANUFACTURER

Trade name: COTTONEASE™ SHAMPOO Product Code: 4-960429
The intended use of the product is a shampoo for cleaning white and Haitian cotton fabric.

Standard industrial classification: 2842

Manufacturer: Master Blend, Inc
5285 Fox Street Unit A
Denver, CO USA 80216
303-373-0702 Telephone

1.4.1 FOR CHEMICAL EMERGENCY OR INGESTION, CALL CHEM-TEL, INC.
(USA, Canada & U.S. Virgin Islands) 1-800-255-3924 OR INTERNATIONAL CALL COLLECT 1-813-248-0585

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Hazardous Ingredients

2.1.1 CAS #	EINECS #	2.1.2 Name	2.1.3 Concentration	2.1.4 Warning, Risk phrases
7732-18-5	231-791-2	Water	60-80%	None
68439-57-6	270-407-8	Sodium olefin sulfonate	1-5%	R20/21/22
7681-57-4	242-283-5	Sodium metabisulfite	1-5%	R22, R31
67-63-0	203-905-0	Isopropanol	1-5%	R10, R20/21/22
64-02-8	Not listed	EDTA, tetrasodium salt	1-5%	R/20/21/22, R36

2.1.5 No Confidential Ingredients.

2.1.7 Other information: None

3. HAZARDS IDENTIFICATION

Human: This product may cause irritation to eyes, skin and respiratory system. If swallowed the product may be harmful and cause severe irritation to mucous membranes. Avoid contact with strong acids & oxidising agents.

Environment: This product is unlikely to accumulate in aquatic environment.

4. FIRST AID MEASURES

Eye Contact: Flush with water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.

Inhalation: Wash with soap and water. If trouble with breathing persists, seek medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Dilute with one to two glasses of water. Seek medical attention.

5. FIRE-FIGHTING MEASURES

The product is combustible; use suitable extinguishing media for the surrounding fire.

Self-contained breathing apparatus (SCBA) with full protective bunker gear for fire fighters.

This product is likely to support combustion as it is combustible and not an oxidiser.

Exposure hazard: decomposition of product may be oxides of carbon and sulphur.

6. ACCIDENTAL RELEASE MEASURES

Sweep up spills for re-use or disposal. Large spills should be treated with absorbent material and disposed at legal waste disposal site. Check local authority for proper disposal methods. Do not mix with other waste materials.

7. HANDLING AND STORAGE

Handle this product with best business practices. Keep this product stored away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store in a cool and dry area. Avoid contact with strong acids and oxidising agents. COMBUSTIBLE: KEEP AWAY FROM OPEN FLAME.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:

HTP values: None found
Other limit values: (USA) NIOSH REL: TWA Sodium metabisulfite (5mg/m3)

OSHA PEL: Isopropanol (400 ppm)
Limit values in other countries: (AICS), (DSL), (ECL), (EEC), (ENCS), (KECL) (MAC), (MAK), (PICC), (Swiss), (UK): Sodium metabisulfite (5mg/m3); Isopropanol (400 ppm)

Exposure controls: Avoid contact with eyes, skin or clothing. Avoid ingesting the product as it may be harmful. Wear chemical imperious gloves to protect exposure to your hands. Wear chemical safety goggles or glasses to protect your eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

The product is a clear, amber liquid with a sulphur dioxide odour.
Important health, safety and environmental information

pH	6.0
Boiling point/boiling range	>100°C (212°F)
Freezing point	<0 °C (32°F)
Flash point(TCC)	> 51.1°C (124°F)
Flammability (solid, gas)	NA
Explosive properties	Not explosive
Oxidising properties	Not an oxidiser
Vapour pressure	Very low
Relative density	Greater than water
Solubility	100% in water
Specific gravity	1.03
RVOC%	3.50

10. STABILITY AND REACTIVITY

The product is stable and will not polymerise. Avoid strong acids & oxidising agents.
Hazardous decomposition of product may be oxides of carbon and sulphur.

11. TOXICOLOGICAL INFORMATION

Sub-acute, sub-chronic and prolonged toxicity have not been determined.

12. ECOLOGICAL INFORMATION

Biodegradability: NA
Mobility: Soluble in water
Bio-accumulation: This product is unlikely to accumulate in waterways and will not accumulate in the environment.
The impact on other organisms has been determined to be non-hazardous.

13. DISPOSAL CONSIDERATIONS

Dispose in accord with National regulations. Do not mix waste material with other waste materials.

14. TRANSPORTATION INFORMATION

Identification UN1993
Proper Shipping Name Flammable liquids, N.O.S. (Isopropanol)
Hazard Class 3
Packing group III
US Domestic Ground shipments:
Combustible liquid [49CFR 173.150(f)]
US Domestic air shipments up to 5L (1.3 gal) per bottle:
Consumer Commodity ORM-D-AIR

15. REGULATORY INFORMATION

ILO: F (Flammable)
WHMIS: Irritant, Flammable
Risk phrases: R20/22 – Harmful by inhalation and if swallowed
R36/38 – Irritating to eyes and skin
Safety phrases: S2 – Keep out of the reach of children
S13 – Keep away from food, drink and animal feeding stuffs
S24/25 – Avoid contact with skin and eyes
S37/39 – Wear suitable gloves and eye/face protection
S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Special regulations on certain preparations:

HMIS		NFPA
2	Health	2
2	Fire	2
0	Reactivity/Instability	0
B	PPE	

16. OTHER INFORMATION

Restrictions on use: Ready to use upon label dilution. This product intended for professional use only.

Further information: Call CHEM-TEL, INC. collect 1- 813-248-0582

Sources of key data used: EU, EEC Directives on the Control of Dangerous Substances and Preparations (67/548/EEC), Council Directive 88/379/EEC, WHMIS, NIOSH and OSHA 29 CFR Part 1910.1200.

This product contains no Prop 65 materials at reportable levels.
Product listed as harmful by USA, DSL, EINECS, AICS, ECL, EICS, ENCS, PICCS: Sodium metabisulfite; Isopropanol.
CERCLA RQ: EDTA: 2268 kg (5000 lbs)
This is a new Safety Data Sheet.

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