

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Haitian Cotton Liquid Detergent

Product category : Commercial cleaning chemical for professional use.

Product usage : Product is diluted 1 part concentrate to 4 parts water. Safely cleans Haitian Cotton or other fine fabrics without the damages of bleeding or browning.

Manufacturer : **Racine Industries, Inc.**
 1405 16th Street
 Racine, WI 53403 USA
 Tel: 1-262-637-4491;
 1-800-558-9439
 (8am-4:30pm CST)

EU Contact: Host UK Ltd.
 Unit 8, Parkway Business Centre
 Sixth Avenue, Zone 2, Deeside Industrial Park
 Deeside CH5 2LD
 Tel: 01244 289256 (8am-5pm GMT)
 Email: info@hostvs.co.uk
 Web: www.hostvonschrader.co.uk

Emergency contacts after hours : Greg Botting @ 1-262-681-7431
 Geoff Rench @ 1-262-632-2220

2. HAZARDS IDENTIFICATION

OSHA/HCS status : This material is considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200 and EU CLP Regulation (EC) No. 1272/2008.

Hazard classifications : Flammable liquids Category 3
 Serious eye damage/eye irritation Category 2
 Specific target organ toxicity, single exposure;
 Respiratory tract irritation Category 3
 Skin corrosion/irritation Category 2
 Acute toxicity, oral Category 4

GHS LABEL ELEMENTS

Hazard pictograms : Exclamation Mark (GHS07) Combustible (GHS02)



Signal word : **WARNING**

Hazard statements : Flammable liquid and vapor. (H226)
 Harmful if swallowed. (H302)
 Irritating to eyes, respiratory system, and skin. (H319+335+315)

PRECAUTIONARY STATEMENTS

Prevention : Keep away from heat/sparks/open flames/hot surfaces. No smoking. (P210)
 Keep container tightly closed. (P233)
 Ground/bond container and receiving equipment. (P240)
 Use explosion-proof electrical/ventilating/lighting/...equipment. (P241)
 Use only non-sparking tools. (P242)
 Take precautionary measures against static discharge. (P243)
 Avoid breathing dust/fumes/gas/mist/vapors/spray. (P261)
 Wear protective gloves/protective clothing/eye protection/face protection. (P280)
 Wash skin thoroughly after handling. (P264)

2. HAZARDS IDENTIFICATION (cont.)

- Prevention (cont.)** : Do not eat, drink, or smoke when using this product. (P270)
Use only outdoors or in a well-ventilated area. (P271)
- Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. (P305+351+338)
If eye irritation persists, get medical advice/attention. (P337+313)

IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+340)
Call a POISON CENTER or doctor if you feel unwell. (P312)

In case of fire, use alcohol foam, water fog, carbon dioxide, or dry chemical. (P370+378)

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse SKIN with water/shower. (P303+361+353)
Take off contaminated clothing and wash before reuse. (P362)
If skin irritation or a rash occurs, get medical advice/attention. (P332/333+313)

IF SWALLOWED: Call a POISON CENTER or doctor/physician IF you feel unwell.
(P301+312) Rinse mouth. (P330)
- Storage** : Keep container tightly closed. (P233)
Store in a well ventilated place. Keep cool. (P403+235)
Store locked up. (P405)
- Disposal** : Dispose of contents/container in accordance with local, state, and federal laws. (P501)
- Hazards not other-wise classified (HNOC)** : May cause abdominal discomfort, nausea, and/or diarrhea if ingested.
May cause allergic reaction in "sulfite-sensitive" individuals.

3. COMPOSITION / INGREDIENTS

<u>Hazardous ingredients</u>	<u>CAS#</u>	<u>EC#</u>	<u>Weight</u>	<u>GHS Hazard Class (see Sec. 16)</u>
Ethanol	64-17-5	200-578-6	>1%	H225, H301, H319, H336, H360, H372
Sodium alpha olefin sulfonate	68439-57-6	270-407-8	>1%	H319+315
Sodium bisulfite	7681-57-4	231-673-0	>1%	H302, H318, EUH031
Soda ash	497-19-8	207-838-8	>1%	H319

4. FIRST-AID MEASURES

- Skin contact** : Take off contaminated clothing. Wash skin with plenty of water. If skin irritation or rash occurs, get medical advice/attention.
- Inhalation** : Remove to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.
- Ingestion** : Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

5. FIRE-FIGHTING MEASURES

- Flash point** : 110°F (TCC method). Combustible (US-OSHA), Flammable (EU)
- Extinguishing media** : Alcohol foam, water fog, carbon dioxide, or dry chemical.
- Unusual fire/explosion hazards** : None known.
- Special firefighting procedures** : As a general precaution, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spill and leak procedures : Absorb with inert absorbent. Shovel into appropriate container. Use water rinse for final cleanup.

7. HANDLING AND STORAGE

Handling procedures : Keep away from all possible sources of ignition.
 Use only outdoors or in a well-ventilated area.
 Keep container tightly closed when product is not in use.
 Do not eat, drink, or smoke when using this product.
 Avoid breathing vapors or mist. Avoid contact with eyes and skin.
 Wash skin thoroughly after handling.

Storage procedures : KEEP OUT OF REACH OF CHILDREN.
 Store tightly-closed container in a cool, well ventilated, locked location, away from sources of ignition. Avoid freezing or excessive heat.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

Exposure Guidelines

<u>Ingredient name</u>	<u>ACGIH TWA</u>	<u>OSHA PEL</u>	<u>Other Limit</u>
Ethanol	1884 mg/m ³	N/A	N/A
Sodium bisulfite	5 mg/m ³	N/A	N/A

Engineering controls : Use general ventilation. Local exhaust is suggest for use, where possible, in enclosed or confined spaces.

Personal protective equipment

Skin protection : Rubber gloves
Eye protection : No special requirements under normal use conditions. Safety glasses recommended.
Respiratory protection : Wear NIOSH-approved respirator if excessive mists are anticipated.
Additional advice : None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: clear liquid; yellow	Odor	: floral
pH	: 5.0-6.0	VOC content	: N/A
Specific gravity	: 1.14	Water solubility	: complete
Flash point	: 110°F		

10. STABILITY AND REACTIVITY

Chemical stability : Stable.
Incompatibility : Strong acids.
Hazardous decomposition : Produces fumes of sulfur dioxide and nitrous dioxide.
Hazardous polymerization : Will not occur.

11. TOXICOLOGICAL INFORMATION

Immediate (acute) effects : Irritating to eyes. Other immediate effects not determined.
Delayed effects : May cause allergic reaction in "sulfite-sensitive" individuals. Other effects unknown.

12. ECOLOGICAL INFORMATION

Ecotoxicological information : Insufficient data.

Environmental Fate : Insufficient data.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT and TDG Classification

Proper shipping name : ORM-D (Consumer Commodity) UN/NA: NA Hazard Class: NA

15. REGULATORY INFORMATION

Inventory status

USA (TSCA) : Listed
 Canada (DSL) : Listed
 Europe (EINECS/ELINCS) : Listed
 Japan (ENCS) : Listed
 Australia (AICS) : Listed
 Korea (ECL) : Listed
 Philippines (PICCS) : Listed
 China : Listed

Additional information

WHMIS Classification : B2, D2B
 SARA Title III : Not applicable
 CERCLA Reportable Quantities : Not applicable
 California Proposition 65 : This product is not subject to the reporting requirements.

16. OTHER INFORMATION

HMIS® (Hazardous Materials Identification System)	
Health	1
Flammability	2
Physical Hazard	0
Personal protective equipment (PPE): (Safety glasses, gloves)	B

0 = not significant, 1 = slight, 2 = moderate, 3 = serious, 4 = severe, * = chronic

GHS Hazard Class definitions from section 3:

H225 : Highly flammable liquid and vapor.
 H301 : Toxic if swallowed.
 H319 : Causes serious eye irritation.
 H336 : May cause drowsiness or dizziness.
 H360 : May damage fertility or the unborn child.
 H372 : Causes damage to organs through prolonged or repeated exposure.
 H319+315 : Irritating to eyes and skin.
 H302 : Harmful if swallowed.
 H318 : Causes serious eye damage.
 EUH031 : Contact with acids liberates toxic gas.

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