AATCC HE Liquid Detergent Without Brightener

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: AATCC HE Liquid Detergent Without Brightener
SDS Number: FG4823
Revision Date: 5/14/2018
Version: 1
Supplier Details:
AATCC
1 Davis Dr
Research Triangle Park, NC 27709
Emergency: 800 424-9300 (Chemetrec)

2 HAZARDS IDENTIFICATION

Classification of Substance
GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements
GHS Signal Word: WARNING
GHS Hazard Pictograms:

GHS Hazard Statements:
H316 - Causes mild skin irritation
H319 - Causes serious eye irritation

GHS Precautionary Statements:
P102 - Keep out of reach of children.
P233 - Keep container tightly closed.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Ingredients</th>
<th>CAS#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>25155-30-0</td>
<td>20-25%</td>
<td>Poly(oxy-1,2-ethanediyl), .alpha.- sulfo.-omega.- (dodecyloxy)-, sodium salt</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>1-3%</td>
<td></td>
</tr>
<tr>
<td>Alcohol C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td>10-15%</td>
<td></td>
</tr>
</tbody>
</table>

This product does not contain any chemical that is classified as a hazardous substance.

4 FIRST AID MEASURES

Inhalation: If inhaled move to fresh air. If not breathing, give artificial respiration.
### Effects and symptoms:

**Ingestion:** May be harmful if swallowed.

**Inhalation:** Causes allergy or asthma symptoms.

**Skin contact:** Causes severe skin burns.

**Eye contact:** Causes eye damage.

### FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Extinguishing Methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.

Specific hazards during fire-fighting: Burning produces irritant fumes. Exposure to decomposition products may be a hazard to health.

Special protective equipment: Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

### ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures:** Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

**Environmental Precautions:** Do not let product enter drains. Prevent uncontrolled discharge of product into the environment if safe to do so.

Methods and Materials for Containment and Cleanup: Do not discharge into waste water. Soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Sweep up and shovel. Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations.

### HANDLING AND STORAGE

**Handling Precautions:** Wear personal protective equipment when handling product. Handle with care. Take care to avoid waste and spillage when weighing, loading and mixing the product.

**Storage Requirements:** Observe label precautions. Keep containers tightly closed in a dry, cool and well ventilated place. Do not allow product to freeze.

### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use in well ventilated area.

**Personal Protective Equipment:**
- HMIS PP, C | Safety Glasses, Gloves, Apron.
- Use good chemical hygiene practice. Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapors/dust.
AATCC HE Liquid Detergent Without Brightener

Ethanol cas#: (64-17-5) [1-3%]

Components with workplace control parameters

TWA 1,000 ppm USA. ACGIH Threshold Limit Values (TLV)
Upper Respiratory Tract irritation
Confirmed animal carcinogen with unknown relevance to humans

TWA 1,000 ppm USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
1,900 mg/m³
The value in mg/m³ is approximate.

TWA 1,000 ppm USA. NIOSH Recommended Exposure Limits
1,900 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid
Physical State: Liquid
pH: 7-9
Odor: Mild

10 STABILITY AND REACTIVITY

Reactivity: no data available
Chemical Stability: stable under recommended storage conditions.
Conditions to Avoid: no data available
Materials to Avoid: strong oxidizing agents
Decomposition: Oxides of carbon
Polymerization: no data available

11 TOXICOLOGICAL INFORMATION

Sodium dodecylbenzenesulfonate cas#: (25155-30-0) [20-25%]

Information on toxicological effects

Acute toxicity:
Behavioral: Somnolence (general depressed activity). Diarrhoea
Inhalation LC₅₀ no data available
Dermal LD₅₀
Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Severe eye irritation - 24 h

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human
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carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available
Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Toxic if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: DB6825000

Ethanol cas#: (64-17-5) [1-3%]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 7,060 mg/kg Remarks: Lungs, Thorax, or Respiration:Other changes.
LC50 Inhalation - rat - 10 h - 20000 ppm
Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)
Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation - 24 h (OECD Test Guideline 405)

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
Carcinogenicity - mouse - Oral:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - Human - female - Oral:
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Effects on Newborn: Apgar score (human only). Effects on Newborn: Other neonatal measures or effects. Effects on Newborn: Drug dependence.

Specific target organ toxicity - single exposure: no data available
Specific target organ toxicity - repeated exposure: no data available
Aspiration hazard: no data available

Additional Information:
RTECS: KQ6300000

Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Stomach - Irregularities - Based on Human Evidence

12 ECOLOGICAL INFORMATION

Sodium dodecylbenzenesulfonate  cas#: (25155-30-0) [20-25%]

Information on ecological effects

Toxicity:
Toxicity to fish mortality NOEC - Oncorhynchus kisutch - 3.1 mg/l - 3 d.
mortality LOEC - Oncorhynchus kisutch - 5.6 mg/l - 3 d
Toxicity to daphnia mortality NOEC - Daphnia - 4 mg/l - 7 d.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: Bioaccumulation Lepomis macrochirus - 28 d Bioconcentration factor (BCF): 220

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: Avoid release to the environment.

no data available

Ethanol  cas#: (64-17-5) [1-3%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
AATCC HE Liquid Detergent Without Brightener

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Do not dispose of waste into sewer.

Contaminated packaging: Dispose of as unused product.

14 TRANSPORT INFORMATION

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES
----------------------------------------------------------------
RQ(1000LBS), Sodium dodecylbenzenesulfonate (25155-30-0) [20-25%] CERCLA, CSWHS, MASS, PA, TSCA
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt (9004-82-4) [5-10%] TSCA
Ethanol (64-17-5) [1-3%] MASS, OSHAWAC, PA, TSCA, TXAIR
Alcohols, C9-11, ethoxylated (68439-46-3) [10-15%] TSCA
----------------------------------------------------------------

Regulatory CODE Descriptions
----------------------------------------------------------------
RQ = Reportable Quantity
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
MASS = MA Massachusetts Hazardous Substances List
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
OSHA = OSHA Workplace Air Contaminants
TXAIR = TX Air Contaminants with Health Effects Screening Level

16 OTHER INFORMATION
AATCC HE Liquid Detergent Without Brightener

HMIS III:  Health = 1, Fire = 0, Physical Hazard = 0
HMIS PPE:  C - Safety Glasses, Gloves, Apron

This information is based on our current knowledge of the product and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.