

## 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 (Chemtrec)

### 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

Chemical Ingredients		
CAS#	%	Chemical Name
25155-30-0	20-25%	Sodium dodecylbenzenesulfonate
9004-82-4	5-10%	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt
64-17-5	1-3%	Ethanol
68439-46-3	10-15%	Alcohols, C9-11, ethoxylated

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.



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- Skin Contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If irritation persists, obtain medical attention.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.
- Ingestion:** Do not induce vomiting without medical advice. Do not give anything by mouth to an unconscious or convulsing person. Rinse mouth with water.

**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.**

### 5 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.

### 6 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.

### 7 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.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Use in well ventilated area.
- Personal Protective Equipment:** 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.



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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/m<sup>3</sup>

The value in mg/m<sup>3</sup> is approximate.

TWA 1,000 ppm USA. NIOSH Recommended Exposure Limits  
1,900 mg/m<sup>3</sup>

### 9 PHYSICAL AND CHEMICAL PROPERTIES

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

### 10 STABILITY AND REACTIVITY

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

### 11 TOXICOLOGICAL INFORMATION

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

Information on toxicological effects

Acute toxicity:  
Oral LD50 LD50 Oral - rat - 438 mg/kg Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Lacrimation.  
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:

Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Liver:Tumors. Blood:Lymphomas including Hodgkins disease.

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

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### 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



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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

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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

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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  
OSHAWAC = OSHA Workplace Air Contaminants  
TXAIR = TX Air Contaminants with Health Effects Screening Level

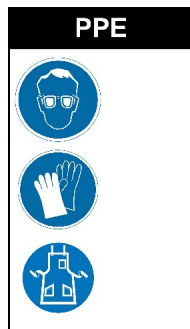
### 16 OTHER INFORMATION

## AATCC HE Liquid Detergent Without Brightener

**HMIS III:** Health = 1, Fire = 0, Physical Hazard = 0

**HMIS PPE:** C - Safety Glasses, Gloves, Apron

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C



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.