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## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** FRESH & CLEAN BODY WASH

### OTHER MEANS OF IDENTIFICATION

**SDS Number** E-235

**Product Code** H3

**Recommended Uses** Premium liquid hand soap

### SDS-SUPPLIER INFORMATION

**SUPPLIER ADDRESS** E-ZOIL Products, Inc.  
*DBA Emulso*  
2750 Kenmore Avenue  
Tonawanda, NY 14150

### EMERGENCY TELEPHONE NUMBER

**COMPANY PHONE NUMBER** (716) 854-2889

**COMPANY FAX NUMBER** (716) 854-2809

**24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)**

**NORTH AMERICA** 1-800-633-8253

**INTERNATIONAL** PERS 1-801-629-0667

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Acute toxicity - Dermal Category 3  
Acute toxicity – Inhalation (Dusts/Mists) Category 4

**SIGNAL WORD** Danger

### HAZARD STATEMENTS



### HAZARD STATEMENTS

1. Harmful if swallowed
2. Causes eye irritation. Prolonged eye contact may cause eye damage.

**APPEARANCE** Green viscous liquid      **PHYSICAL STATE** Liquid

## PRECAUTIONARY STATEMENTS

<b>PREVENTION</b>	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Wash face, hands and any exposed skin thoroughly after handling
<b>RESPONSE</b>	Immediately call poison center or doctor/ physician.
<b>IF SWALLOWED</b>	Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
<b>IF IN EYES</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
<b>IF ON SKIN/HAIR</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse.
<b>IF INHALED</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell.
<b>IF EXPOSED/CONCERNED</b>	Get medical advice/ attention.
<b>STORAGE</b>	Store locked-up. Keep away from children. Store between 32-90°F.
<b>DISPOSAL</b>	Dispose of contents/container to an approved waste disposal plant.
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b>	N/A
<b>OTHER INFORMATION</b>	May be harmful if swallowed. May be harmful to aquatic life in large quantities.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Sodium Lauryl Sulfate	151-21-3	< 40%
Alkyl ether sulfate, sodium salt	68585-34-2	< 30%
Cocamidopropyl betaine	61789-40-0	< 30%
Ethanol	64-17-5	< 5%

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Provide this SDS to medical personnel for treatment.
<b>EYE CONTACT</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

<b>SKIN CONTACT</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>INHALATION</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.
<b>INGESTION</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### POTENTIAL ACUTE HEALTH EFFECTS

*Most important symptoms and effects, both acute and delayed*

**SYMPTOMS** No information available.

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA** Use of water spray when fighting fire may be inefficient.

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** Not determined

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**PERSONAL PRECAUTIONS** Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.  
**ENVIRONMENTAL PRECAUTIONS** See Section 12 for additional Ecological Information.

### METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

**CONTAMINATION** Prevent further leakage or spillage is safe to do so  
**CLEAN-UP** Pick up the absorbed material and transfer to properly labeled containers for disposal according to local/national regulations(see Section 13).

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE MEASURES** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

**STORAGE CONDITIONS** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**INCOMPATIBLE MATERIALS** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (Vacated) TWA: 1000 ppm (Vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

**ENGINEERING CONTROLS** Showers, eyewash stations, ventilation systems.

### INDIVIDUAL PROTECTION MEASURES

**EYE/FACE PROTECTION** No special technical protective measures are necessary.  
**SKIN/BODY PROTECTION** No special technical protective measures are necessary.  
**RESPIRATORY PROTECTION** If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.  
**GENERAL HYGIENE** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Viscous Liquid
<b>APPEARANCE</b>	Clear
<b>COLOR</b>	Green
<b>ODOR</b>	Aloe
<b>ODOR THRESHOLD</b>	Not determined
<b>pH</b>	Neutral
<b>MELTING POINT/FREEZING POINT</b>	30° F
<b>BOILING POINT/BOILING RANGE</b>	212° F
<b>FLASH POINT</b>	None
<b>EVAPORATION RATE</b>	Not determined

<b>FLAMMABILITY (SOLID, GAS)</b>	Not determined
<b>UPPER FLAMMABILITY LIMITS</b>	Not determined
<b>LOWER FLAMMABILITY LIMITS</b>	Not determined
<b>VAPOR PRESSURE</b>	Not determined
<b>SPECIFIC GRAVITY</b>	1.03
<b>RELATIVE DENSITY</b>	Not determined
<b>WATER SOLUBILITY</b>	Not determined
<b>PARTITION COEFFICIENT N-OCTANOL/ WATER</b>	Not determined
<b>AUTO-IGNITION TEMPERATURE</b>	Not determined
<b>DECOMPOSITION TEMPERATURE</b>	Not determined
<b>VISCOSITY</b>	12,500

## 10. STABILITY AND REACTIVITY

<b>REACTIVITY</b>	No data available
<b>CHEMICAL STABILITY</b>	Stable under recommended storage conditions
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	None under normal processing
<b>CONDITIONS TO AVOID</b>	Keep out of reach of children. Extremes of temperature and direct sunlight.
<b>INCOMPATIBLE MATERIALS</b>	None known based on information supplied.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

<b>EYE CONTACT</b>	No data available
<b>SKIN CONTACT</b>	No data available
<b>INHALATION</b>	No data available
<b>INGESTION</b>	No data available

### COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium Lauryl Sulfate <b>151-21-3</b>	= 1288 mg/kg ( Rat )	= 200 mg/kg ( Rabbit )	>3900 mg/m <sup>3</sup> ( Rat ) 1h
Cocamidopropyl betaine <b>51789-40-0</b>	= 10000 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit )	-
Ethanol <b>64-17-5</b>	= 7060 mg/kg ( Rat )	-	= 124.7 mg/l ( Rat ) 4h

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	CRUSTACEA
Sodium Lauryl Sulfate <b>151-21-3</b>	53: 72h Desmodesmus subspicatus mg/L EC50 117: 96h Pseudokirchneriella subcapitata mg/L EC50 30-100: 96h Desmodesmus subspicatus mg/L EC50 3.59-15.6: 96h Pseudokirchneriella subcapitata mg/L EC50 Static	8 -12.5: 96 h Pimephales promelas mg/l.. LC50 static 15 -18,9·96 h Pimephales promelas mgllLC50 static 4 3 • 8.5:96 h Oncorhynchus mykiss mg/L LC50 static 4 2. 96 h Oncorhynchus mykiss mg/l LC50 9.9 - 20 1. 96 h Brachydanio rerio mg/L LC50 semi-static 10 2 • 22 5: 96 h Pimephales promelas mg/L LC50 semi-static 22 1 - 22 8 96 h Pimephales promelas mgllLC50 static 6.2 - 9 6· 96 h Pimephales promelas mg/L LC501.31. 96 h Cyprinus carpio mg/l.. LC50 semi-static 4 2 - 4 8: 96 h Lepomis macrochlrus mg/L LC50 flow- through 4.5: 96 h Lepomis macrochlrus mnl LC50 4.62 96 h Oncorhynchus mykiss mgll. LC50 How-through 5.B • 7.5: 96 h Pimephales promelas mg/L LC50 static 13.5 - 18.3: 96 h Poecma reticulata mg/L LC50 semi-static 7.97: 96 h Brachydanlo rerio mg/L LCSO How-through 4.06 - 5.75: 96 h Lepomis macrochirus mg/L LC50 static 10.8 - 16.6: 96 h Poecilia reticutata mall LC50 static	1 8: 48 h Daphnia magna mg/L EC50
Cocamidopropyl betaine <b>51789-40-0</b>	1 0 - 10,0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Oesmodesmus subspicatus mg/L EC.50	1.0- 10.0· 96 h Brachydanlo rerio mg/L LC50 2: 96 h Brachydanio rerio mg/L LC50 semi-static	6.5 48 h Oaphnia magna mg/L ECS0
Ethanol <b>64-17-5</b>		12.0-16 o· 96 h Oncorhynchus myk!ss mJL LC50 static 100 96 h Pimephales promelas mgll. LC50 static 13400 -15100: 96 h Pimephales promelas mg/L LC50 flow-lhrouah	9268 -14221. 48 h Oaphnia magna mg/L LC50 10800: 24 h Oaphnia magna mg/L EC50 2. 48 h Daphnia magna mgll. EC50 Static

**PERSISTENCE AND DEGRADABILITY** Not determined  
**BIOACCUMULATION** Not determined

## MOBILITY

Chemical Name	Partition Coefficient
Sodium Lauryl Sulfate <b>151-21-3</b>	1.6
Ethanol <b>64-17-5</b>	-0.32

## OTHER ADVERSE EFFECTS

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

<b>WASTE DISPOSAL</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>CONTAMINATED PACKAGING</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse container.

### CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

Ethanol	Toxic
<b>54-17-5</b>	Ignitable

## 14. TRANSPORT INFORMATION

### DOT

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

#### LEGEND

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(B) Inventory
<b>DSL/NDL</b>	Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing/Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances



# Safety Data Sheet

**IECSC** China Inventory of Existing Chemical Substances  
**KECL** Korean Existing and Evaluated Chemical Substances  
**PICCS** Philippines Inventory of Chemicals and Chemical Substances  
**AICA** Australian Inventory of Chemical Substances

## U.S. FEDERAL REGULATIONS

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### CERCLA

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

### SARA 311/312 HAZARD CATEGORIES

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

### CLEAN WATER ACT (CWA)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## U.S. STATE REGULATIONS

### U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Ethanol 64-17-5	X	X	X

## 16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	1	1	0	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	1	1	0	X



### DISCLAIMER

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**END OF SAFETY DATA SHEET**