

ISSUE DATE: September 2013

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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 800-535-5053

INTERNATIONAL 352-323-3500

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Acute toxicity – Inhalation (Dusts/Mists) Category 4

SIGNAL WORD Danger

HAZARD STATEMENTS



HAZARD STATEMENTS 1. Harmful if swallowed

APPEARANCE Green viscous liquid **PHYSICAL STATE** Liquid

PRECAUTIONARY STATEMENTS

PREVENTION	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required
RESPONSE	Immediately call poison center or doctor/ physician.
IF SWALLOWED	Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF IN EYES	If eye irritation occurs, rinse with water for several minutes.
IF ON SKIN/HAIR	If skin irritation occurs, rinse with water for several minutes.
IF INHALED	N/A.
IF EXPOSED/CONCERNED	Get medical advice/ attention.
STORAGE	Store locked-up. Keep away from children. Store between 32-90°F.
DISPOSAL	Dispose of contents/container to an approved waste disposal plant.
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	N/A
OTHER INFORMATION	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

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	If eye irritation occurs, rinse with water for several minutes.
SKIN CONTACT	If skin irritation occurs, rinse with water for several minutes.
INHALATION	N/A.



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INGESTION 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/



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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/m3 (Vacated) TWA: 1000 ppm (Vacated) TWA: 1900 mg/m3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m3

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

PHYSICAL STATE	Viscous Liquid
APPEARANCE	Clear
COLOR	Green
ODOR	Aloe
ODOR THRESHOLD	Not determined
pH	Neutral
MELTING POINT/FREEZING POINT	30° F
BOILING POINT/BOILING RANGE	212° F
FLASH POINT	None
EVAPORATION RATE	Not determined
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS	Not determined
LOWER FLAMMABILITY LIMITS	Not determined
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	1.03
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Not determined
PARTITION COEFFICIENT	Not determined
N-OCTANOL/ WATER	Not determined

AUTO-IGNITION TEMPERATURE Not determined
DECOMPOSITION TEMPERATURE Not determined
VISCOSITY 12,500

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT No data available
SKIN CONTACT No data available
INHALATION No data available
INGESTION No data available

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium Lauryl Sulfate 151-21-3	= 1288 mg/kg (Rat)	= 200 mg/kg (Rabbit)	>3900 mg/m ³ (Rat) 1h
Cocamidopropyl betaine 51789-40-0	= 10000 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	-
Ethanol 64-17-5	= 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 151-21-3	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 mg/l LC50 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 mg/l LC50 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 macrochirus mg/L LC50 flow- through 4.5: 96 h Lepomis macrochirus mg/L LC50 4.62 96 h Oncorhynchus mykiss mg/l. LC50 How-through 5.B • 7.5: 96 h Pimephales promelas mg/L LC50 static 13.5 - 18.3: 96 h Poecilia reticulata mg/L LC50 semi-static 7.97: 96 h Brachydanio rerio mg/L LC50 How-through 4.06 - 5.75: 96 h Lepomis macrochirus mg/L LC50 static 10.8 - 16.6: 96 h Poecilia reticulata mg/L LC50 static	1 8: 48 h Daphnia magna mg/L EC50
Cocamidopropyl betaine 51789-40-0	1 0 - 10,0: 72 h Desmodesmus subspicatus mg/L EC50 0.55: 96 h Desmodesmus subspicatus mg/L EC.50	1.0- 10.0• 96 h Brachydanio rerio mg/L LC50 2: 96 h Brachydanio rerio mg/L LC50 semi-static	6.5 48 h Daphnia magna mg/L EC50
Ethanol 64-17-5		12.0-16 0• 96 h Oncorhynchus mykiss mg/L LC50 static 100 96 h Pimephales promelas mg/l. LC50 static 13400 -15100: 96 h Pimephales promelas mg/L LC50 flow-through	9268 -14221. 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 2. 48 h Daphnia magna mg/l. EC50 Static

PERSISTENCE AND DEGRADABILITY Not determined

BIOACCUMULATION Not determined

MOBILITY

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

OTHER ADVERSE EFFECTS

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL	Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING	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
54-17-5	Ignitable

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES

LEGEND

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



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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

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET