

ISSUE DATE: August 2016

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VERSION: 2

## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

PRODUCT NAME AUTO TRUCK & TRAILER WASH

### OTHER MEANS OF IDENTIFICATION

SDS Number E-015

Recommended Uses CLEANING AGENT

### 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

APPERANCE Pink  
PHYSICAL STATE Liquid

### CLASSIFICATION

CARCINOGENICITY Category 1a

SIGNAL WORD Danger

### HAZARD STATEMENTS



HAZZARD STATEMENTS May cause cancer.

### 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.



## Safety Data Sheet

- RESPONSE** If exposed or concerned: Get medical advice/attention.
- STORAGE** Store locked up.
- DISPOSAL** Dispose of contents/container to an approved waste disposal plant.
- OTHER HAZARDS** Toxic to aquatic life with long lasting effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Alkyl Benzene Sulfonic Acid	85536-14-7	10-15
Ethyl Alcohol	64-17-5	<1
Cocomide DEA	68603-42-9	<1
Diethanolamine	111-42-2	<1

\*\*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.\*\*

### 4. FIRST-AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

- GENERAL ADVICE** Provide this SDS to medical personnel for treatment.
- EYE CONTACT** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- SKIN CONTACT** Wash off immediately with plenty of water for at least 15 minutes.
- INHALATION** Remove to fresh air.
- INGESTION** Clean mouth with water and drink afterwards plenty of water.

#### MOST IMPORTANT SYMPTOMS/EFFECTS

**SYMPTOMS** Not determined.

#### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**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** Not determined.
- SPECIFIC HAZARDS ARISING FROM THE CHEMICAL** Not determined.
- PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

## PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**PERSONAL PRECAUTIONS** Use personal protective equipment as required.  
**ENVIRONMENTAL PRECAUTIONS** See Section 12 for additional Ecological Information.

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

**METHODS FOR CONTAINMENT** Prevent further leakage or spillage if safe to do so.  
**METHODS FOR CLEAN-UP** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**ADVICE ON SAFE HANDLING** Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

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

**STORAGE CONDITIONS** Keep container tightly closed and store in a cool, dry 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
Ethyl Alcohol 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>
Diethanolamine 111-42-2	TWA: 1 mg m <sup>3</sup> / inhalable fraction and vapor S*	(vacated) TWA: 3 ppm (vacated) TWA: 15 mg/ m <sup>3</sup>	TWA: 3 ppm TWA: 15 mg/ m <sup>3</sup>

### APPROPRIATE ENGINEERING CONTROLS

**ENGINEERING CONTROLS** Apply technical measures to comply with the occupational exposure limits.  
**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION** Refer to 29 CFR 1910.133 for eye and face protection regulations.  
**SKIN/BODY PROTECTION** Refer to 29 CFR 1910.138 for appropriate skin and body protection.  
**RESPIRATORY PROTECTION** Refer to 29 CFR 1910.134 for respiratory protection requirements.  
**GENERAL HYGIENE CONSIDERATIONS** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES



# Safety Data Sheet

**PHYSICAL STATE** Liquid  
**APPERANCE** According to product specification  
**COLOR** Not determined  
**ODOR** Not determined  
**ODOR THRESHOLD** Not determined

PROPERTY	VALUES	REMARKS	METHODS
<b>pH</b>	9.69		
<b>MELTING POINT/FREEZING POINT</b>	Not determined		
<b>BOILING POINT/BOILING RANGE</b>	Not determined		
<b>FLASH POINT</b>	Not determined		
<b>EVAPORATION RATE</b>	Not determined		
<b>FLAMMABILITY (SOLID, GAS)</b>	Not applicable		
<b>UPPER FLAMMABILITY LIMITS</b>	Not determined		
<b>LOWER FLAMMABILITY LIMITS</b>	Not determined		
<b>VAPOR PRESSURE</b>	Not determined		
<b>VAPOR DENSITY</b>	Not determined		
<b>SPECIFIC GRAVITY</b>	1.0355		
<b>WATER SOLUBILITY</b>	Not determined		
<b>SOLUBILITY IN OTHER SOLVENTS</b>	Not determined		
<b>PARTITION COEFFICIENT</b>	Not determined		
<b>AUTO-IGNITION TEMPERATURE</b>	Not determined		
<b>DECOMPOSITION TEMPERATURE</b>	Not determined		
<b>KINEMATIC VISCOSITY</b>	Not determined		
<b>DYNAMIC VISCOSITY</b>	Not determined		
<b>EXPLOSIVE PROPERTIES</b>	Not determined		
<b>OXIDIZING PROPERTIES</b>	Not determined		

## 10. STABILITY AND REACTIVITY

**REACTIVITY** Not reactive under normal conditions.  
**CHEMICAL STABILITY** Stable under recommended storage conditions.  
**POSSIBILITY OF HAZARDOUS REACTIONS** None under normal processing.  
**CONDITIONS TO AVOID** Keep out of reach of children.  
**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

#### PRODUCT INFORMATION

**EYE CONTACT** Avoid contact with eyes.  
**SKIN CONTACT** Avoid contact with skin.  
**INHALATION** Do not inhale.  
**INGESTION** Do not ingest.

#### COMPONENT INFORMATION



## Safety Data Sheet

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Alkyl Benzene Sulfonic Acid 85536-14-7	= 1219 mg/kg ( Rat )	-	-
Ethyl Alcohol 64-17-5	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h
Cocomide DEA 68603-42-9	= 12400 µL/kg ( Rat )	-	-
Diethanolamine 111-42-2	= 620 µL/kg ( Rat ) = 0.62 mL/kg ( Rat )	= 7640 µL/kg ( Rabbit )	-

### INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS

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

### DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

**CARCINOGENICITY** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol 64-17-5	A3	Group 1	Known	X
Cocomide DEA 68603-42-9		Group 2B		X
Diethanolamine 111-42-2	A3	Group 2B		X

### LEGEND

**ACGIH** American Conference of Governmental Industrial Hygienists.

**A3** Animal carcinogen.

**IARC** International agency for research on cancer.

**GROUP 1** Carcinogenic to humans.

**GROUP 2B** Possibly carcinogenic to humans.

**NTP** National toxicology program.

**KNOWN** Known carcinogen.

**OSHA** Occupational Safety and Health Administration of the US Department of Labor.

**X** Present.

### NUMERICAL MEASURES OF TOXICITY

Not determined.

## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Toxic to aquatic life with long lasting effects.

### COMPONENT INFORMATION



# Safety Data Sheet

CHEMICAL NAME	TOXICITY TO		
	ALGAE/ AQUATIC PLANTS	FISH	MICROORGANISMS
	36: 72 h		
Alkyl Benzene Sulfonic Acid 85536-14-7	Desmodesmus subspicatus mg/L EC50	5.6: 96 h Cyprinus carpio mg/L LC50 flow-through	5.2: 48 h Daphnia magna mg/L EC50
Cocomide DEA 68603-42-9		3.6: 96 h Brachydanio rerio mg/L LC50 semi-static	4.2: 24 h Daphnia magna mg/L EC50
		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100:	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min
Ethyl Alcohol 64-17-5		96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static 10800: 24 h Daphnia magna mg/L EC50
	7.8: 72 h	4460 - 4980: 96 h Pimephales promelas mg/L LC50 flow-through	EC50 = 73 mg/L 5 min EC50 > 16 mg/L 16 h
Diethanolamine 111-42-2	Desmodesmus subspicatus mg/L EC50 2.1 - 2.3: 96 h Pseudokirchneriella subcapitata mg/L EC50	1200 - 1580: 96 h Pimephales promelas mg/L LC50 static 600 - 1000: 96 h Lepomis macrochirus mg/L LC50 static	55: 48 h Daphnia magna mg/L EC50

**PERSISTENCE/ DEGRADABILITY** Not determined.  
**BIOACCUMULATION** Not determined.

### Mobility

CHEMICAL NAME	PARTITION COEFFICIENT
Alkyl Benzene Sulfonic Acid 85536-14-7	2
Ethyl Alcohol 64-17-5	-0.32
Diethanolamine 111-42-2	-2.18

### OTHER ADVERSE EFFECTS

Not determined.

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

**DISPOSAL OF WASTES** 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.

CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE STATUS



Ethyl Alcohol  
64-17-5

## Safety Data Sheet

Toxic  
Ignitable

### 14. TRANSPORT INFORMATION

**NOTE** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated.

**IATA** Not regulated.

**IMDG**

**MARINE POLLUTANT** This material may meet the definition of marine pollutant.

### 15. REGULATORY INFORMATION

#### INTERNATIONAL INVENTORIES

CHEMICAL NAME	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Alkyl Benzene Sulfonic Acid	Present	X		Present			X	Present	X	X
Ethyl Alcohol	Present	X		Present		Present	X	Present	X	X
Cocomide DEA	Present	X		Present		Present	X	Present	X	X
Diethanolamine	Present	X		Present		Present	X	Present	X	X

#### LEGEND

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory.
<b>DSL/NDSL</b>	Canadian Domestic Substances List/Non-Domestic Substances List.
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
<b>ENCS</b>	Japan Existing and New Chemical Substances.
<b>IECSC</b>	China Inventory of Existing Chemical Substances.
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances.
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances.
<b>AICS</b>	Australian Inventory of Chemical Substances.

### U.S. FEDERAL REGULATIONS

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

CHEMICAL NAME	HAZARDOUS SUBSTANCES RQS	CERCLA/SARA RQ	REPORTABLE QUANTITY (RQ)
Diethanolamine 111-42-2	100lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

#### SARA 313

Not determined.

#### CLEAN WATER ACT

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).



# Safety Data Sheet

## U.S. STATE REGULATIONS

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

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Ethyl Alcohol 64-17-5	X	X	X
Diethanolamine 111-42-2	X	X	X

### CALIFORNIA PROPOSITION 65

This product contains the following Proposition 65 chemicals.

CHEMICAL NAME	CALIFORNIA PROPOSITION 65
Ethyl Alcohol - 64-17-5	Carcinogen Developmental
Cocomide DEA - 68603-42-9	Carcinogen
Diethanolamine - 111-42-2	Carcinogen

## 16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined

  

HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined
Issue Date	27-Aug-2015			
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Revision Note	New format			

## 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