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## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** MOP & GO PLUS

### OTHER MEANS OF IDENTIFICATION

**Product Code** B12

**Recommended Uses** Hard Surface Cleaner.

### 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 - Oral Category 4  
Acute toxicity - Dermal Category 4  
Serious eye damage/eye irritation Category 2A  
Respiratory sensitization Category 1  
Skin sensitization Category 1

**SIGNAL WORD** Danger

### HAZARD STATEMENTS



### HAZARD STATEMENTS

1. May cause allergy or asthma symptoms or breathing if inhaled
2. May cause an allergic skin reaction
3. Causes serious eye irritation
4. May be harmful if swallowed

**APPEARANCE** Opaque

**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. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
<b>DISPOSAL</b>	Dispose of unused product and container in accordance with all applicable local and regional requirements
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b>	N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Water	7732-18-5	60-70
Ethoxylated Alcohols, C9-C11	68439-46-3	20.25
Viable Bacteria Cultures	N/A	1-5
S odium Lauryl Sulfate	151-21-3	1-5
Lipase	9001-62-1	<1.0
1,2-Benzisothiazole-3 -(2H)-one	2634-33-5	<0.05

\*The exact percentage (concentration) of composition has been withheld as a trade secret  
GHS Classification of Enzymes is based on AEP content. The above does not represent total AEP in the product.

## 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.

### POTENTIAL ACUTE HEALTH EFFECTS

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

**SYMPTOMS** Causes skin irritation. Causes eye irritation.

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**UNSUITABLE EXTINGUISHING MEDIA** None known

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** May cause allergic respiratory reaction.

### 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** Ensure adequate ventilation.  
Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a high efficiency filter.

**ENVIRONMENTAL PRECAUTIONS** Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure ventilation. Wash contaminated clothing.

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

**CONTAMINATION** Prevent further leakage or spillage is safe to do so.  
**CLEAN-UP** Pick up and transfer to properly labelled containers

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

**PROTECTIVE MEASURES** Handle in accordance with good industrial hygiene and safety practice

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

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

**INCOMPATIBLE MATERIALS** Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Water	-	-	-
<b>7732-18-5</b>			
Ethoxylated Alcohols, C9-C11	-	-	-
<b>68439-46-3</b>			
Viable Bacteria Cultures	-	-	-
<b>Not Applicable</b>			
Sodium Lauryl Sulfate	-	-	-
<b>151-21-3</b>			
Lipase	-	-	-
<b>9001-62-1</b>			
1,2-Benzisothiazole- 3-(2H)-one	-	-	-
<b>2634-33-5</b>			

**ENGINEERING CONTROLS:** Apply technical measures to comply with the occupational exposure limits.

## INDIVIDUAL PROTECTION MEASURES

<b>EYE/FACE PROTECTION</b>	Avoid contact with eyes
<b>SKIN/BODY PROTECTION</b>	No special technical protective measures are necessary
<b>RESPIRATORY PROTECTION</b>	In case of ventilation, wear suitable respiratory equipment
<b>GENERAL HYGIENE</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid
<b>APPERANCE</b>	Opaque
<b>COLOR</b>	Opaque
<b>ODOR</b>	Slight fermentation odor
<b>ODOR THRESHOLD</b>	Not determined
<b>pH</b>	Not determined
<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 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>	Not determined
<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>	Not determined

## 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. Stable under normal conditions. Excessive temperature variations below 32F or above 155F.
<b>INCOMPATIBLE MATERIALS</b>	Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

<b>EYE CONTACT</b>	Contact with eyes may cause irritation.
<b>SKIN CONTACT</b>	Prolonged or repeated contact may dry skin and cause irritation.
<b>INHALATION</b>	There is no data available for this product.
<b>INGESTION</b>	Ingestion may cause stomach discomfort.

### COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Water <b>7732-18-5</b>	Oral LD50 Rat: >90 mL/kg	Oral LD50 Rat: >90 mL/kg	Oral LD50 Rat: >90 mL/kg
Ethoxylated Alcohols, C9-C11 <b>68439-46-3</b>	Oral LD50 Rat: 1378 mg/kg; Dermal LD50 Rabbit: >2 g/kg	Oral LD50 Rat: 1378 mg/kg; Dermal LD50 Rabbit: >2 g/kg	Oral LD50 Rat: 1378 mg/kg; Dermal LD50 Rabbit: >2 g/kg
Sodium Lauryl Sulfate <b>151-21-3</b>	Inhalation LC50 Rat: >3900 mg/m <sup>3</sup> /1H; Oral LD50 Rat: 1288 mg/kg	Inhalation LC50 Rat: >3900 mg/m <sup>3</sup> /1H; Oral LD50 Rat: 1288 mg/kg	Inhalation LC50 Rat: >3900 mg/m <sup>3</sup> /1H; Oral LD50 Rat: 1288 mg/kg
1,2-Benzisothiazole-3-(2H)-one <b>2634-33-5</b>	Oral LD50 Rat: 1020 mg/kg	Oral LD50 Rat: 1020 mg/kg	Oral LD50 Rat: 1020 mg/kg

**SYMPTOMS** No information available

**CARCINOGENICITY** N/A

**NUMERICAL MEASURES OF TOXICITY-PRODUCT** Not determined.

## 12. ECOLOGICAL INFORMATION

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

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	WATER FLEA
Sodium Lauryl Sulfate <b>151-21-3</b>	EC50 30 - 100 mg/L 96 h EC50 = 117 mg/L 96 h EC50 = 53 mg/L 72 h	-	EC50 = 0.46 mg/L 30 min EC50 = 0.72 mg/L 15 min EC50 = 1.19 mg/L 5 min	EC50 = 1.8 mg/L 48 h

**PERSISTENCE AND DEGRADABILITY** The organic components of the product are biodegradable.

**BIOACCUMULATION** Not determined

**OTHER ADVERSE EFFECTS** Not determined

CHEMICAL NAME	LOG POW
Sodium Lauryl Sulfate <b>151-21-3</b>	1.6
1,2-Benzisothiazole-3-(2H)-one <b>2634-33-5</b>	1.3

## 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>	Dispose of wastes in an approved waste disposal facility.

## 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

## U.S. FEDERAL REGULATIONS

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### SARA 313/312 HAZARD CATEGORIES

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 40 CFR Part 372.

### CLEAN WATER ACT (CWA)

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

## U.S. STATE REGULATIONS

### CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals



# Safety Data Sheet

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

N/A

### 16. OTHER INFORMATION

<b>NFPA</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>INSTABILITY</b>	<b>SPECIAL HAZARDS</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>PHYSICAL HAZARDS</b>	<b>PERSONAL PROTECTION</b>
	Not determined	Not determined	Not determined	Not determined

### 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**