

ISSUE DATE: September 2013

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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME MOP & GO

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 800-535-5053
INTERNATIONAL 352-323-3500

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

PREVENTION	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
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	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.
IF ON SKIN/HAIR	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse.
IF INHALED	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.
IF EXPOSED/CONCERNED	Get medical advice/ attention.
STORAGE	Store locked-up. Keep away from children. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
DISPOSAL	Dispose of unused product and container in accordance with all applicable local and regional requirements
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	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

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	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.
SKIN CONTACT	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.
INHALATION	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.
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.

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	-	-	-
7732-18-5			
Ethoxylated Alcohols, C9-C11	-	-	-
68439-46-3			
Viable Bacteria Cultures	-	-	-
Not Applicable			
Sodium Lauryl Sulfate	-	-	-
151-21-3			
Lipase	-	-	-
9001-62-1			
1,2-Benzisothiazole- 3-(2H)-one	-	-	-
2634-33-5			

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

INDIVIDUAL PROTECTION MEASURES

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

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPERANCE	Opaque
COLOR	Opaque
ODOR	Slight fermentation odor
ODOR THRESHOLD	Not determined
pH	7.07
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not determined
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	1.01
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	Not determined

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

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

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Water 7732-18-5	Oral LD50 Rat: >90 mL/kg	Oral LD50 Rat: >90 mL/kg	Oral LD50 Rat: >90 mL/kg
Ethoxylated Alcohols, C9-C11 68439-46-3	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 151-21-3	Inhalation LC50 Rat: >3900 mg/m ³ /1H; Oral LD50 Rat: 1288 mg/kg	Inhalation LC50 Rat: >3900 mg/m ³ /1H; Oral LD50 Rat: 1288 mg/kg	Inhalation LC50 Rat: >3900 mg/m ³ /1H; Oral LD50 Rat: 1288 mg/kg
1,2-Benzisothiazole-3-(2H)-one 2634-33-5	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 151-21-3	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 151-21-3	1.6
1,2-Benzisothiazole-3-(2H)-one 2634-33-5	1.3

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL	Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING	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

TSCA	United States Toxic Substances Control Act Section 8(B) Inventory
DSL/NDL	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

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

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