

SAFETY DATA SHEET

Date Prepared : 05/27/2015

SDS No : Michigan Company, Inc_Mighty Mac Wonder Suds

Mighty Mac Wonder Suds

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Mighty Mac Wonder Suds

GENERAL USE: Hand washing of dishes, glasses, utensils, cookware.

PRODUCT DESCRIPTION: Highly Concentrated Hand Dishwashing Detergent

CHEMICAL FAMILY: Detergent blend

DISTRIBUTOR

Michigan Company, Inc
2011 N. High St.
Lansing, MI 48906

Customer Service: 517-484-9312

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2B

Carcinogenicity, Category 2

GHS LABEL



Health
hazard

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.

H351: Suspected of causing cancer through dermal contact.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash hands thoroughly after handling.

P102: Keep out of reach of children.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P308+P313: IF exposed or concerned: Get medical advice/ attention.

Storage:

P404: Store in a closed container.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Light amber liquid

IMMEDIATE CONCERNS: Eye irritant

POTENTIAL HEALTH EFFECTS

EYES: Contact causes eye irritation.

SKIN: May be mildly irritating with prolonged or repeated contact.

SKIN ABSORPTION: None

INGESTION: Large doses may cause nausea.

INHALATION: NA = Not Applicable

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: Contains ingredient listed under IARC and California Prop 65.

MUTAGENICITY: None known.

ROUTES OF ENTRY: Ingestion, eye

CANCER STATEMENT: WARNING: This product contains a chemical known to the State of California to cause cancer.

WARNING CAUTION LABELS: None

PHYSICAL HAZARDS: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Sodium Dodecylbenzene Sulfonate	15 - 20	25155-30-0
Sodium Laureth Sulfate	0 - 5	9004-82-4
Cocamide DEA	0 - 5	8051-30-7
Fragrance	0 - 1	N/A
Water	75 - 80	7732-18-5

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: No known significant effects or critical hazards.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: NA = Not Applicable

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning sensation with tears, redness.

SKIN: No known significant effects or critical hazards.

SKIN ABSORPTION: No known significant effects or critical hazards.

INGESTION: Nausea with large amounts.

INHALATION: NA = Not Applicable

CHRONIC EFFECTS: None

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable

GENERAL HAZARD: None

EXTINGUISHING MEDIA: Not required. Water based material.

EXPLOSION HAZARDS: NA = Not Applicable

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: No known significant effects or critical hazards.

LAND SPILL: No known significant effects or critical hazards.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.

HANDLING: No special requirements.

STORAGE: Store in area inaccessible to children.

STORAGE TEMPERATURE: Store at ambient temperatures.

STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special requirements.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: No special requirements.

SKIN: No special requirements.

RESPIRATORY: None

PROTECTIVE CLOTHING: No special requirements.

WORK HYGIENIC PRACTICES: No special requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Lemon

ODOR THRESHOLD: Not Established

COLOR: Light amber

pH: 8.0 to 9.0

PERCENT VOLATILE: >75

FLASH POINT AND METHOD: NA = Not Applicable

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: ~ 20 mm Hg at (68°F)

VAPOR DENSITY: > 1 Air = 1

BOILING POINT: 212° F; 100° C

FREEZING POINT: 32° F; 0° C

MELTING POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: (Water =1) 1.0

DENSITY: ~ 8.5 at (68°F)

SPECIFIC GRAVITY: 1.019 grams/ml. at (68°F)

VISCOSITY: Moderately viscous.

(VOC): None

10. STABILITY AND REACTIVITY

REACTIVITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal storage and use conditions.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

INCOMPATIBLE MATERIALS: None

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)
Sodium Dodecylbenzene Sulfonate	438 mg/kg (rat)

EYES: Causes eye irritation.

DERMAL LD₅₀: No known significant effects or critical hazards.

SKIN ABSORPTION: No known significant effects or critical hazards.

ORAL LD₅₀: No known significant effects or critical hazards.

INHALATION LC₅₀: NA = Not Applicable

EYE EFFECTS: Moderate to severe eye irritant.

SKIN EFFECTS: May irritate skin with prolonged or repeated contact.

CHRONIC: Not Established

CARCINOGENICITY

Chemical Name	IARC Status
Cocamide DEA	Group 2B - Limited evidence of carcinogenicity in humans.

IARC:

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of Cocoamide DEA (coconut oil diethanolamine condensate) in humans, but there is sufficient evidence of carcinogenicity in experimental animals (Group 2B - possibly carcinogenic to humans).

SENSITIZATION: No known significant effects or critical hazards.

REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.

TARGET ORGANS: No known significant effects or critical hazards.

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

ECOTOXICOLOGICAL INFORMATION: Not Established

AQUATIC TOXICITY (ACUTE): Not Established

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.

FOR LARGE SPILLS: Consult with local and state authorities for large volume disposal.

PRODUCT DISPOSAL: Diluted product can be flushed to sanitary sewer.

EMPTY CONTAINER: Rinse container with clear water. Offer container for recycling, or dispose of in trash.

RCRA/EPA WASTE INFORMATION: NA = Not Applicable

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Cleaning Compound, not regulated.

LABEL: None

U.S. CUSTOMS HARMONIZATION NUMBER: 3402.90.10.00

AIR (ICAO/IATA)

SHIPPING NAME: Cleaning Compound, not regulated.

VESSEL (IMO/IMDG)

SHIPPING NAME: Cleaning Compound, not regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Health - Acute

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: No listed substance

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No listed substance

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Sodium Dodecylbenzene Sulfonate	15 - 20	1000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Sodium Dodecylbenzene Sulfonate	New Jersey Right To Know Substance Pennsylvania Right to Know Substance New York Right to Know Substance

CALIFORNIA PROPOSITION 65: WARNING: This product contains a chemical known to the State of California to cause cancer.

Chemical Name	Wt.%	Listed
Cocamide DEA	0 - 5	Cancer

CARCINOGEN:

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of Cocoamide DEA (coconut oil diethanolamine condensate) in humans, but there is sufficient evidence of carcinogenicity in experimental animals (Group 2B - possibly carcinogenic to humans).

16. OTHER INFORMATION

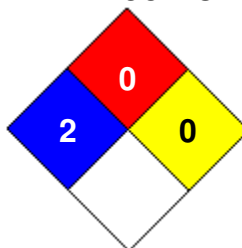
PREPARED BY: Regulatory Affairs Department

Date Prepared: 05/27/2015

HMIS RATING

HEALTH	<input type="text"/>	2
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	0
PERSONAL PROTECTION	<input type="text"/>	B

NFPA CODES



MANUFACTURER DISCLAIMER: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.