



SAFETY DATA SHEET

Product: MARC 244 SCRUB UP

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 244 SCRUB UP

SDS DATE: 12/9/15

SUPPLIER: Mid-American Research Chemical Corp. ADDRESS: P. O. Box 927 Columbus, NE 68602-0927
PHONE: 402-564-7104 FAX: 402-563-1290
EMERGENCY PHONE: InfoTrac 1-800-535-5053
E-MAIL: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Hand, hair and body shampoo.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Serious eye irritation.

SIGNAL WORD AND PRECAUTIONARY STATEMENTS: **WARNING:** Causes serious eye irritation. 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 attention. Do not take internally.



POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Specific percentages claimed as a trade secret.

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT.</u>
Alpha olefin sulfonate	68439-57-6	2-6
Nonylphenol ethoxylate	9016-45-9	2-7
Dodecylbenzenesulfonic acid, triethanolamine salt	27323-41-7	2-5
Cocamide DEA	68603-42-9	2-6

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove contact lenses, if present and easy to do so. Continue to rinse for at least 10 minutes. Get medical attention.

INGESTION: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. **DO NOT INDUCE VOMITING** unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIAL FIRE FIGHTING PROCEDURES: None



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PROTECTIVE EQUIPMENT: As needed for surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No specific fire or explosion hazard.

HAZARDOUS DECOMPOSITION BY-PRODUCTS: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Keep unnecessary and unprotected personnel from entering. Do not walk through spilled material.

PROTECTIVE EQUIPMENT: Eye protection.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Move containers from spill area. Place spilled material in a designated, labeled waste container. Dispose via a licensed waste disposal contractor

ENVIRONMENTAL PRECAUTIONS: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

OTHER PRECAUTIONS: Use only according to label directions. **KEEP OUT OF REACH OF CHILDREN! CAREFULLY READ ENTIRE LABEL BEFORE USE!** If medical advice is needed, have product container or label at hand.

STORAGE: Store in accordance with local regulations.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE: Eating, drinking and smoking should be prohibited in areas where this material is used.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TLV</u>
Alpha olefin sulfonate	68439-57-6	not est.
Nonylphenol ethoxylate	9016-45-9	not est.
Dodecylbenzenesulfonic acid, triethanolamine salt	27323-41-7	not est.
Cocamide DEA	68603-42-9	1 mg/m ³ - TWA

OCCUPATIONAL EXPOSURE LIMITS: None

ENGINEERING CONTROLS: Good ventilation should be sufficient to control worker exposure to airborne contaminants.

VENTILATION : See Engineering Controls above.

RESPIRATORY PROTECTION: N/A

EYE/FACE PROTECTION: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE-
PHYSICAL STATE/COLOR:** Thick opaque pink liquid.

ODOR: Shea butter.



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SOLUBILITY IN WATER: Complete.
SPECIFIC GRAVITY: 1.0
MELTING POINT: 32°F
BOILING POINT: 212°F
pH: 8
FLASH POINT: None
EVAPORATION RATE: Not available.
FLAMMABILITY LIMITS: None
VISCOSITY: High

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No specific test data related to reactivity available for this product or its ingredients.

STABILITY: Stable

CONDITIONS TO AVOID: No specific data.

INCOMPATIBILITY (MATERIAL TO AVOID): No specific data.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

HAZARDOUS POLYMERIZATION: N/A. **CONDITIONS TO AVOID (POLYMERIZATION):** N/A.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Alpha olefin sulfonate: Acute Dermal LD50 Rabbit: >2000 mg/kg, Acute Oral LD50 Rat: 1300 – 2400 mg/kg

Nonylphenol ethoxylate: LD50 Oral Rat 3310 mg/kg, LD50 Dermal Rabbit >2000 mg/kg

Dodecylbenzenesulfonic acid, triethanolamine salt: Rabbit LD50 skin > 23220mg/kg, Rat LD50 oral >10800mg/kg

Cocoamide DEA: Acute Dermal LD50 Rabbit > 2g/kg, Acute Oral LD50 Rat > 5 g/kg

EYES: Causes serious eye irritation.

SKIN: No known significant effects or critical hazards.

INGESTION: Irritating to mouth, throat and stomach.

INHALATION: No known significant effects or critical hazards.

ACUTE HEALTH HAZARDS: Same as above: eye, skin, ingestion and inhalation.

CHRONIC HEALTH HAZARDS: Not available

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

CARCINOGENICITY: Not available.

TOXICITY TO ANIMALS: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Alpha olefin sulfonate: EC50 Algae: 45 mg/l – 72 hours, EC50 Daphnia: 4.48 mg/l – 48 hours, LC50 Fish: 2.5 – 5 mg/l – 96 hours

Nonylphenol ethoxylate: Acute LC50 Fish: 1 to 10 mg/l – 96 hours



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Cocoamide DEA: LC50 Algae: <10 mg/l 72 hours, LC50 Daphnia: <10 mg/l 48 hours, LC50 Fish: <10 mg/l 96 hours

PERSISTENCE AND DEGRADABILITY : Biodegradable

BIOACCUMULATIVE POTENTIAL : Not Available.

MOBILITY IN SOIL

SOIL/WATER PARTITION COEFFICIENT (Koc) : Not Available.

OTHER ADVERSE EFFECTS : No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: In accordance with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

CONTAINER SIZES(S): All
PROPER SHIPPING NAME: CLEANING COMPOUND, LIQUID.
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: NONE

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

United States inventory (TSCA 8b): (TOXIC SUBSTANCE CONTROL ACT): All components are listed or exempted.

Clean Air Act Section 112: Not listed.
(b) Hazardous Air Pollutants (HAPs)

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NA

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NA

SARA 311/312 CLASSIFICATION: Immediate (acute) health hazard.

SARA Title III, Section 313 Components: NA

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 0
Flammability = 0
Reactivity = 0
Other = -
Protection = -

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DISCLAIMER: While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.