SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 257 ADVANCED HI-FOAM ANTIBACTERIAL HAND CLEANER**

SDS DATE: 01/15/2019
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: General purpose antibacterial skin cleanser.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Eye irritation category 2B.

SIGNAL WORD AND HAZARD AND PRECAUTIONARY STATEMENTS: **WARNING**: For External Use Only! 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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Cocoamidopropyl Betaine	61789-40-0	<5%
Benzalkonium Chloride	8001-54-5	< 5%

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. . Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

SKIN: If irritation persists, wash with water.

INGESTION: Contact a physician or poison control immediately. **DO NOT INDUCE VOMITING!** Never give anything by mouth to an unconscious person.

INHALATION: Get medical attention if symptoms occur.

PROTECTION OF FIRST-AIDERS: No special precautions are necessary.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC EXTINGUISHING METHODS: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SPECIFIC HAZARDS DURING FIREFIGHTING: No flammable or combustible.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Use personal protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES/ /METHODS AND MATERIALS FOR CONTAINMENT & CLEANUP: Absorb with inert material. Use a water rinse for final clean-up.

PROTECTIVE/PERSONAL PRECAUTIONS: No special measures required.

ENVIRONMENTAL PRECAUTIONS: Avoid contact of large amounts of spilled material runoff with soil and surface waterways.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING/ STORAGE: Wash hands after handling. Keep container tightly closed. Store between 32°F to 122°F.

OTHER PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN!!**

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS/ VENTILATION : Good general ventilation should be sufficient to control workers exposure to airborne contamination.

RESPIRATORY PROTECTION: No protective equipment is needed under normal use.

EYE PROTECTION: Eye protection should be used when splashing may occur.

SKIN PROTECTION: No protective equipment is needed under normal use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No protective equipment is needed under normal use.

WORK HYGIENIC PRACTICES: Normal cleanliness.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-	
PHYSICAL STATE:	Water thin amber liquid.
COLOR:	Amber
ODOR:	Citrus-spice fragrance
ODOR THRESHOLD:	No data available.
pH:	7.5 typical
MELTING/FREEZING POINT:	N/A
INITIAL BOILING & BOILING RANGE:	N/A
FLASH POINT/METHOD USED:	N/A
EVAPORATION RATE:	<1
FLAMMABILITY (solid, gas):	No data available.
FLAMMABILITY LIMITS:	N/A **UPPER:** N/A **LOWER:** N/A
VAPOR PRESSURE (mmHg):	N/A
VAPOR DENSITY (AIR = 1):	N/A
RELATIVE DENSITY:	No data available.
SPECIFIC GRAVITY (H20=1):	1.00
PARTITION COEFFICIENT:	n-octanol/water: No data available.
AUTO IGNITION TEMPERATURE:	N/A
DECOMPOSITION TEMPERATURE:	No data available.
SOLUBILITY IN WATER:	Complete
VISCOSITY:	Low, thin liquid

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: No dangerous reaction is known under conditions of normal use.
STABILITY: The product is stable under normal conditions.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon oxides.

HAZARDOUS POLYMERIZATION: Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTINES OF EXPOSURE: Inhalation, eye contact, skin contact.

POTENTIAL HEALTH EFFECTS

EYES: Cause of irritation.

SKIN: Health injuries are not known or expected under normal use.

INGESTION: Health injuries are not known or expected under normal use.

INHALATION: Health injuries are not known or expected under normal use.

CHRONIC EXPOSURE: Health injuries are not known or expected under normal use.

EXPERIENCE WITH HUMAN EXPOSURE

EYE CONTACT: Redness, irritation.

SKIN CONTACT: No symptoms known or expected.

INGESTION: No symptoms known or expected.

INHALATION: No symptoms known or expected.

TOXICITY

ACUTE ORAL TOXICITY: Acute toxicity estimate: >5,000 mg/kg

ACUTE INHALATION TOXICITY: No data available.

AUCTE DERMAL TOXICITY: Acute toxicity estimate: >5,000 mg/kg

SKIN CORROSION/IRRITATION: No data available.

SERIOUS EYE DAMAGE/ EYE IRRITATION: Mild eye irritation.

RESPIRATORY OR SKIN SENSITIZATION: No data available.

CARCINOGENICITY

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

OSHA: No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL TESTS: Data is not available.

ENVIRONMENTAL IMPACT: This product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: The product should not be allowed to enter drains, water courses or the soil. When possible, recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with all local regulations. Dispose of wastes in an approved waste disposal facility.

DISPOSAL CONSIDERATIONS: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

SECTION 14: TRANSPORT INFORMATION

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

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

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA 8(b) INVENTORY: All components are listed or exempted.

SARA 302/304/311/312: No listed substance.

EXTREMELY HAZARDOUS SUBSTANCES:

SARA 302/304 EMERGENCY PLANNING & NOTIFICATION: No listed substance.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings:

Health =	1
Flammability =	0
Reactivity =	0
Other =	-
Protection =	-

REVISION DATE: 01/15/2019

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as 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 conjunction with any other materials or in any process, unless specified in the text.