



# SAFETY DATA SHEET

Product: MARC 417 ALCO-SAN INSTANT SKIN SANITIZER  
Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 417 ALCO-SAN INSTANT SKIN SANITIZER**

SDS DATE: 06/03/15

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 sanitizer.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Eyes – Causes serious eye irritation. May be harmful if swallowed.

SIGNAL WORD AND PRECAUTIONARY STATEMENTS: **DANGER: FLAMMABLE LIQUID AND VAPOR! KEEP AWAY FROM HEAT OR FLAME!** Keep away from heat, sparks, open flames and hot surfaces. Use only non-sparking tools.

HAZARD STATEMENTS: Keep out of reach of children.  
Read label and SDS before use.  
Highly flammable liquid and vapor.  
Causes serious eye irritation.



PRECAUTIONARY STATEMENTS:

PREVENTION: Wear eye protection.  
Keep away from heat, sparks, open flames and hot surfaces – no smoking.  
Keep container tightly closed. Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/handling/process equipment.  
Use only non-sparking tools. Take precautionary measures against static discharge.

RESPONSE: **IF SWALLOWED:** Call a poison center or doctor.  
**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.  
**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.  
**IN CASE OF FIRE:** Use carbon dioxide, foam or dry chemical to extinguish.

STORAGE: Store in a well-ventilated place. Keep cool.

POTENTIAL HEALTH EFFECTS: See Section 11 for more information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>% WT.</u> |
|-------------------|----------------|--------------|
| Ethanol           | 64-17-1        | >=60 <=65    |



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### SECTION 4: FIRST AID MEASURES

**EYES:** Hold eye open and rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**SKIN:** Rinse with water.

**INGESTION:** May be harmful if swallowed. Seek medical attention immediately.

**INHALATION:** Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. Have a product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

### SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use water spray, fog or foam.

**SPECIAL FIRE FIGHTING PROCEDURES/**

**SPECIAL EQUIPMENT:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flashback, causing fire or explosion. Runoff to sewer may create fire or explosion hazard.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:** Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other material to containers for disposal.

**PROTECTIVE EQUIPMENT:** Use personal protective devices as stated in Section 8. Firefighters see Section 5.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Same as EMERGENCY PROCEDURES.

### SECTION 7: HANDLING AND STORAGE

**GENERAL HANDLING:** Avoid contact with eyes or on clothing. Avoid breathing sprays or vapors. Use product only according to label directions.

**STORAGE:** Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Containers should be kept tightly closed when not in use.

**OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN!!** Follow label directions exactly.



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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| <u>INGREDIENT</u> | <u>CAS NO.</u> | <u>OSHA<br/>PEL</u> |
|-------------------|----------------|---------------------|
| Ethanol           | 64-17-1        | 1000 ppm            |

**ENGINEERING CONTROLS/  
VENTILATION:** Good general ventilation required.

**MECHANICAL:** N/A

**OTHER:** N/A

**RESPIRATORY PROTECTION:** When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

**EYE PROTECTION:** Wear safety glasses.

**SKIN PROTECTION/PROTECTIVE GLOVES:** To prevent prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

**WORK HYGIENIC PRACTICES:** Follow good industrial hygiene practices. Wash thoroughly after handling.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| <b>APPEARANCE-</b>                                 |                               |
| <b>PHYSICAL STATE/COLOR:</b>                       | Clear, colorless, liquid gel. |
| <b>ODOR:</b>                                       | Alcohol odor.                 |
| <b>pH:</b>                                         | 7 - 8                         |
| <b>SOLUBILITY IN WATER:</b>                        | Complete                      |
| <b>SPECIFIC GRAVITY:</b>                           | 0.9                           |
| <b>MELTING/FREEZING POINT:</b>                     | Not available.                |
| <b>BOILING POINT:</b>                              | Not available.                |
| <b>FLASH POINT/METHOD USED:</b>                    | 70°F                          |
| <b>EVAPORATION RATE:</b>                           | Not available.                |
| <b>EXPLOSIVE PROPERTIES:</b>                       | Not available.                |
| <b>FLAMMABILITY LIMITS:</b>                        | Not available.                |
| <b>VAPOR PRESSURE (mmHg):</b>                      | Not available.                |
| <b>VAPOR DENSITY (AIR = 1):</b>                    | Not available.                |
| <b>RELATIVE DENSITY:</b>                           | 0.8                           |
| <b>PARTITION COEFFICIENT,<br/>n-OCTANOL/WATER:</b> | Not available.                |
| <b>AUTO-IGNITION TEMPERATURE:</b>                  | Not available.                |
| <b>DECOMPOSITION TEMPERATURE:</b>                  | Not available.                |
| <b>VISCOSITY:</b>                                  | >20,000 cps                   |



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### SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** Under normal conditions of storage and use, hazardous reactions will not occur.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** High temperatures, open flames, sparks, welding.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Acids and strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Dioxide, Carbon Monoxide.

**HAZARDOUS POLYMERIZATION:** Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** None

### SECTION 11: TOXICOLOGICAL INFORMATION

**PRIMARY ROUTES OF ENTRY:** Skin contact, inhalation.

#### ACUTE/POTENTIAL HEALTH EFFECTS:

**EYES:** May cause serious eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** Prolonged use may cause slight to moderate irritation.

**INGESTION:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

**INHALATION:** Overexposure may cause irritation of the respiratory tract.

#### CHRONIC / LONG TERM EFFECTS:

**TARGET ORGAN EFFECTS:** None known.

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No Data.

**CARCINOGENIC INFORMATION:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

**ACUTE TOXICITY VALUES:** Not available.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

**RCRA STATUS:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): **D001**



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### SECTION 14: TRANSPORT INFORMATION

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

|                       |                   |
|-----------------------|-------------------|
| CONTAINER SIZES(S):   | SPECIAL 5 oz.     |
| PROPER SHIPPING NAME: | CLEANING COMPOUND |
| HAZARD CLASS:         | 3                 |
| ID NUMBER:            | UN1170            |
| PACKING GROUP:        | PGII              |
| LABEL STATEMENT:      | FLAMMABLE LIQUID  |

### SECTION 15: REGULATORY INFORMATION

If identified components of this product are CERCLA hazardous substances and/or listed under Sections 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

#### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

#### TITLE III Section 311/312: Hazardous Categories – 40 CFR 370.2:

ACUTE (X)      CHRONIC ( )      PRESSURE ( )      REACTIVE ( )      NOT APPLICABLE ( )

**RCRA STATUS:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): **D001**

### SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1  
Flammability = 3  
Reactivity = 0  
Other = -  
Protection = A

REVISION DATE: 06/03/15

**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.