SAFETY DATA SHEET

MED-NAP

SECTION 1: PRODUCT IDENTIFICATION

PRODUCTS: Alcohol Antimicrobial Towelettes

Sterile Alcohol Prep Pads

Alcohol Prep Pads

Company Name and Address: Acme United Corporation
301 Marianne Street
Brooksville, Fl 34601

Emergency Telephone Number: 352-796-6020

Recommended use: Intended for use as a skin antiseptic. For external use only.

SECTION 2: HAZARDOUS IDENTIFICATION

Classification: Flammable Liquid – Category 2
Eye Damage/ Irritation – Category 2A

Signal Word Danger

Pictograms

Hazard Statements Highly Flammable Liquid and vapor
Causes Serious eye irritation

Precautionary statements prevention:
Keep away from fire/heat/open flames.
No smoking
Use only in well ventilated areas
Wear eye protection

Precautionary Statements – Response:
In case of fire: use appropriate media to extinguish.

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately seek medical help.

I If inhaled: remove victim to fresh air.

If ingested: may cause nausea, vomiting and diarrhea.

SECTION 3: INFORMATION ON INGREDIENTS

Ingredient list	Cas #	%
Isopropyl Alcohol	67-63-0	>70%
Purified Water	7732-18-5	QS to 100

SECTION 4: FIRST-AID MEASURES

Emergency first aid procedures by route of exposure:
Inhalation: If symptoms are experience, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Ingestion: If swallowed, call a physician immediately. Rinse mouth and throat thoroughly with water. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.
Skin: If irritation is experienced, flush with water. If irritation persists, seek medical attention.
Eyes: Immediately flush eyes with water for at least 15 minutes holding the eye open. Seek medical attention if irritation persists.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability Classification: Flammable Liquid IB Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

NFPA Rating: Health: 2 Fire: 3 Reactivity: 0 Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
Environmental Precautions: Prevent discharge to open waters.
Method for Containment: Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite, or diatomaceous earth.

Methods for Clean-Up: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

Handling: Keep away from heat, sparks, and flame. Prevent contact with eyes. Avoid inhalation. Use in well ventilated area.
Storage: Keep the container tightly closed and in a cool, well-ventilated place.

SECTION 8: EXPOSURE CONTROLS

Isopropyl Alcohol (67-63-0)

ACGIH: 200 ppm TWA
OSHA: 400 ppm TWA; 980 mg/m3 TWA
Engineering Controls: Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)
Eye/Face Protection: None needed under normal use – Wear goggles if exposed to unusual amount and splashing.
Skin Protection: None needed under normal use - Wear overalls or apron if splashing is possible.
Respiratory Protection: May be needed if vapor concentrations are high.
General Hygiene Considerations: None needed under normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Towelette Saturated with liquid
Appearance/Color: Clear
Odor: Alcohol
PH: Not Available
Vapor Density: 2.1 (air=1)
Boiling Point: 80°C
Vapor Pressure: No data
Melting Point: No data
Flash Point: 11.7º C (liquid)
Freezing Point: Not Available
Flammability Properties: (see section 5)
Solubility (in water): Soluble
Specific Gravity @ 25°C: 0.88-0.92
Evaporation Rate: Not Available
Octanol/Water partition coefficient: Not Available
Auto-ignition temperature: Not Available
Decomposition temperature: Not Available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient temperatures 70°C (21°C)
Conditions to avoid: Avoid excessive heat or sources of ignition.
Incompatible materials: This product reacts with strong acid, strong bases, and oxidizing agents.
Hazardous decomposition products: Upon decomposition, this product evolves into carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

General Product information: Product contains isopropyl alcohol.
Acute Toxicity: Low order of acute toxicity is possible.
Chronic Effects: Component Isopropyl Alcohol (67-63-0) - This product is not expected to cause long term adverse effects.
Carcinogenicity: ACGIH A4 – Not Classifiable as a Human Carcinogen
Neurotoxicity: No information available
Mutagenicity: No information available for product.
Reproductive: This product is not expected to cause reproductive health effects
Developmental: This product is not expected to cause reproductive health effects.
Target Organs: When consumed, ethyl alcohol can target the respiratory system, skin, eyes, CNS, liver, blood, and reproductive system.

SECTION 12: ECOLOGICAL INFORMATION

Solutions of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

SECTION 13: DISPOSABLE INFORMATION

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture, or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

SECTION 14: TRANSPORT INFORMATION

US DOT Information

Shipping Name:	Not applicable
Hazard Class:	Not applicable
UN/NA	Not Regulated. Not Hazardous Material per DOT 49 CFR 172.102 Special Provision 47
Packing Group:	Not applicable
Required Label:	Not applicable

DOT 49 CFR 172.102 Special Provision 47:

Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, for single packagings, each packaging must correspond to a design type that has passed a leakproofness test at the Packing Group II level. Small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3

liquid in Packing Group II or III absorbed onto a solid material are not subject to this subchapter provided there is no free liquid in the packet or article.

SECTION 15: REGULATORY INFORMATION

SARA 302: NA
SARA 304: NA
SARA 313: Isopropyl alcohol.
TSCA: All components are listed or exempt.
CERCLA Hazardous Substance List: NA
Clean Air Act (CAA) Section 112, 112 (r): N.A.
New Jersey Right to Know Components: ISOPROPYL ALCOHOL.
Pennsylvania Right to Know Components: 2-PROPANOL.
Rhode Island Right to Know Components: isopropyl alcohol.
Massachusetts Right to Know Components: N.A.

SECTION 16: OTHER INFORMATION

Original Issue Date: 1/1/2018
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Disclaimer: The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.