

SANI-CARE #2164

Instant Hand Sanitizing Gel



Features:

- FDA registered
- Contains 62% ethyl alcohol, which exceeds the 60% alcohol content the CDC recommends to combat flu viruses
- Fast drying
- Conditions skin
- Contains vitamin E and Aloe Vera
- Fast drying and requires no water or towels
- Sanitizes hands in seconds



Description:

SANI-CARE is a highly effective liquid sanitizing agent that will destroy 99.99% of pathogenic microorganisms in just seconds. It easily penetrates hard-to-reach areas that harbor bacteria between fingers and around fingernails. Because it dries so quickly, hand toweling is not necessary. Non-drying to skin. This sanitizer is an effective aid in preventing the spread of bacteria, germs and viruses.

For Use By:

- Hospitals
- Cafeterias
- Store Clerks
- Nursing Homes
- Waste Water Plants
- Schools
- Municipalities
- Veterinarians
- Fleet Operations
- Universities/Colleges
- Bus Garages
- Factories

Product Characteristics:

Appearance:	Clear, liquid gel
Physical State:	Liquid
Color:	Colorless
Odor:	Alcohol
Boiling Point:	Not available
Vapor Pressure:	Not available
Solubility (water):	Complete
Relative Density:	0.8
Flash Point:	70°F
VOC Content (Wt. %):	62%
pH:	7-8
Viscosity:	> 20,000 cps
Storage:	Store in a well-ventilated place. Keep cool.
Transport Information:	
UN Number:	1170
Proper Shipping Name:	Ethanol Solution
Class:	3
Packing Group:	II

Directions:

To decrease bacteria on skin, apply a small amount to palm. Briskly rub covering hands with product until dry.

Pictograms:



Signal Word:

DANGER.

Personal Protective Equipment Required:



DOT Placard:

Not available.

Sani-Care Efficacy Data

Hand Sanitizer 62% Ethanol
Time Kill Study

Contamination Check

The sample was evaluated for initial microbial content and was found to be free of microbial contamination.

Procedure

An inoculum was prepared by mixing 0.25 ml of a 24 hour broth culture of the test organisms with 0.75 ml of sterile 0.9% saline solution. A serial dilution/viable cell count was prepared on the inoculum to determine the number of organisms/ml of inoculum. One ml of the inoculum was added to 9.0 ml of the formulation and mixed with a sterile glass rod. After the approved contact time (60 seconds and 120 seconds), one ml aliquot of the inoculum/product was removed and added to Lethen Neutralizer Broth to neutralize the active ingredient. A second serial dilution/viable cell count was performed on this aliquot to determine the number of surviving organisms. The viable cell counts after 60 and 120 seconds were compared to the initial base line inoculum counts in order to determine the percent (%) of reduction factor (RF). The reduction factor is the % reduction of the challenge organism(s) from the initial baseline population. The RF is calculated as the $VCC/Baseline \times 100 = X$. $100\% - X = RF$ (in %).

Test Organisms

Staphylococcus aureus MRSA ATCC #700698, Escherichia coli ATCC #11229, Salmonella enterica ATCC #6539

Baseline Exposure

Organism	Time	RF (% reduction)
E. coli	15 sec	99.9999%
S. enterica	15 sec	99.9999%
MRSA	15 sec	99.9999%





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2164	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SANI-CARE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Instant Hand Sanitizing Gel	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable liquids - Category 2 Eye Irritation - Category 2	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:

Keep out of reach of children.
Read label and SDS before use.
Highly flammable liquid and vapour.
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.

Disposal: Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Ethanol	64-17-5	>=60 <= 65

4. First Aid Measures

EMERGENCY OVERVIEW

DANGER: Flammable. May be harmful if swallowed. Causes serious eye irritation.

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.

SKIN: Rinse with water.

INHALATION:

May be harmful if swallowed. Seek medical attention immediately.

INGESTION:

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

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 flash back, causing fire or explosion. Runoff to sewer may create fire or explosion hazard.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon Dioxide. Carbon Monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

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.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:
Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:
Put on appropriate personal protective equipment (see Section 8).
ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:
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 materials to containers for disposal.

7. Handling and Storage

Do not get in eyes or on clothing. Avoid breathing sprays and vapors. Keep out of reach of children.
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.

8. Exposure Controls / Personal Protection

Ethanol OSHA PEL 1000 ppm
PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear safety glasses.
SKIN PROTECTION: To prevent prolonged contact, wear impervious gloves (made from rubber, nitrile, or neoprene).
RESPIRATOR 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.
ENGINEERING CONTROLS:
Good general ventilation required.

9. Physical & Chemical Properties

Appearance:	Clear, liquid gel.	Explosive Limit Ranges:	Not available.
Physical State:	Liquid.	Explosive Properties:	Not available.
Color:	Colorless.	VOC Content (Wt. %):	62%
Odor:	Alcohol.	Oxidizing Properties:	Not available.
Odor Threshold:	Not available.	Vapor Density:	Not available.
pH:	7-8	Vapor Pressure:	Not available.
Melting/Freezing Point:	Not available.	Relative Density:	0.8
Boiling Point:	Not available.	Solubility (water):	Complete.
Viscosity:	> 20,000 cps	Auto-Ignition Temperature:	Not available.
Flash Point:	70°F	Decomposition Temperature:	Not available.
Evaporation Rate:	Not available.	Partition Coeff (n-octanol/water):	Not available.

10. Stability & Reactivity Information

REACTIVITY:
Under normal conditions of storage and use, hazardous reactions will not occur.
CHEMICAL STABILITY:
Stable under normal conditions.
INCOMPATIBLE MATERIALS:
High temperatures, open flames, sparks, welding.
CONDITIONS TO AVOID:
Acids and strong oxidizers.
DECOMPOSITION PRODUCTS:
CO, CO2.
*Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:
Skin contact, inhalation.
ACUTE/POTENTIAL HEALTH EFFECTS:
EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.
SKIN: Prolonged contact may cause slight to moderate irritation.
INHALATION: Overexposure may cause irritation of the respiratory tract.
INGESTION: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea, and general weakness.
CHRONIC/LONG TERM EFFECTS:
None known.
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.

12. Ecological Information

Not available.

13. Disposal Consideration

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

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number: 1170**Proper shipping name:** Ethanol Solution**Class:** 3**Packing group:** II**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.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire (X) Pressure () Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

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

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.



Sani-Care Sanitizing Gel

■ **REQUIRES NO WATER**

This instant hand sanitizer is an ethyl alcohol hand sanitizer for use when water is unavailable.

- Kills 99.99% of E. coli and Salmonella enterica in 15 seconds



DANGER: FLAMMABLE

KEEP OUT OF REACH OF CHILDREN
KEEP AWAY FROM FLAME.
FOR EXTERNAL USE ONLY.

See other cautions on opposite panel of label.

Net Contents: 5 oz. (149 ml)

Sold by: **PRO CHEM, INC.**

1475 Bluegrass Lakes Parkway • Alpharetta, GA 30004
TO REORDER CALL: 1-800-241-8180 • www.procheminc.com

Drug Facts

Active Ingredient

Ethyl Alcohol 62%Antiseptic

Purpose

Use for hand-washing to decrease bacteria on the skin, only when water is not available

Warnings

Flammable, keep away from fire and flames
For external use only

When using this product

- do not get into eyes
- if contact occurs, rinse eyes thoroughly with water

Stop use and ask a doctor if

- irritation and redness develop

Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away

Directions

- wet hands thoroughly with product and allow to dry without wiping

Inactive Ingredients water, DMDM hydantoin, diisopropylamine, carbomer, propylene glycol, tocopheryl acetate, aloe barbadensis

6605Z4P984.020520

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www.procheminc.com

Product Code: 2164





Sani-Care Sanitizing Gel



- Kills 99.99% of E. coli and Salmonella enterica in 15 seconds



DANGER: FLAMMABLE
KEEP OUT OF REACH OF CHILDREN

Net Contents: 1 Gallon (3.8 L)



Sani-Care Sanitizing Gel



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Batch No.: XXXX

660541P984.021920

Product Code: 2164



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