


SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2136	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	HANDI-GEL	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Antibacterial Hand Sanitizer and Waterless Hand Cleaner	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Classification of Substance or Mixture: Acute Toxicity, Oral (Category 2), Skin Irritation (Category 2), Eye Irritation (Category 2B), Respiratory System, Flammable Liquid (Category 1)	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS: Flammable liquid and vapor. Causes mild skin irritation. Causes mild eye irritation. May cause damage to organs.

Routes of Entry: Ingestion, Eyes and Skin.

Effects of Exposure: Flammable liquid and vapor. Causes mild skin irritation. Causes mild eye irritation. May cause damage to organs.

Ingestion: May cause gastrointestinal irritation if accidentally ingested.

Eyes: Liquid may cause mild to severe eye irritation.

Skin: Repeated contact may cause skin irritation.

Inhalation: Not a likely route of exposure.

PRECAUTIONARY STATEMENTS:

Response: 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. IF ON SKIN: wash with plenty of water. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage: Store locked up. Keep away from excessive heat, open flames, sparks and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment.

Disposal: Dispose of contents and/or container in accordance with local regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

ADDITIONAL INFORMATION:

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Exposure Limits in Air	
		TLV ppm	PEL ppm
Denatured Dehydrated Alcohol 40B	64-17-5 / 7732-18-5 / 75-65-0 / 3734-33-6	NE	NE
Deionized Water	7732-18-5	NE	NE
Aloe Barbadensis Leaf Juice	85507-69-3 / 94349-62-9	NE	NE
Glycerin	56-81-5	NE	NE
Propylene Glycol	57-55-6	NE	NE
Carbomer	0009003-01-4	NE	NE
Propanediol	504-63-2s	NE	NE
Tocopheryl Acetate (Vitamin E Acetate)	58-95-7	NE	NE
Aminomethyl Propanol	124-68-5	NE	NE

The exact percentages of the material are withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

SKIN: Flush eyes with plenty of water to ensure complete flushing. If irritation persists, seek medical attention.

INHALATION:

Move to fresh air.

INGESTION:

Drink enough water to dilute. Contact a physician or poison control center.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin disorders may be aggravated by long-term use.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

CO₂, Foam, dry chemical and water spray.

FLAMMABILITY RESULTS & METHOD:

>200°C Tag Closed Cup.

FLAMMABILITY CLASSIFICATION:

Nonflammable.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Fire or Explosion Hazards: Closed containers exposed to excessive heat may rupture.

SPECIFIC FIRE-FIGHTING METHODS:

Fire should be fought from a safe distance. Firefighters should wear full face, self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS:

Prevent entry into waterways, sewers, basements or confined areas.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Excludes sources of ignition, ventilate the area; avoid breathing vapors. Refer to protective measures in Section 7 & 8

7. Handling and Storage

WORK AND HYGIENE PRACTICES:

Wash hands thoroughly after using this product and before eating, drinking or smoking.

SAFE STORAGE & HANDLING

Keep away from excessive heat, open flames, sparks and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment.

SPECIAL PRECAUTIONS:

No special precautions required.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT: None required under normal conditions of use. When handling large quantities (e.g., > 1 gallon), wear protective mask, eyeglasses, gloves, boot and apron per OSHA regulations (29 CFR 1910.133).



Respiratory Protection: Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required.

Ventilation: General ventilation should be provided to maintain ambient concentration below nuisance levels.

9. Physical & Chemical Properties

Physical State:	Clear Viscous Gel.	Solubility (water):	Completely soluble.
Color:	Uncolored.	% Volatile:	None.
Odor:	Characteristic.	Evaporation Rate:	Not applicable.
Boiling Point:	>100°C	Specific Gravity @ 20°C:	~1

10. Stability & Reactivity Information

CHEMICAL STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Irritating vapors and toxic gases when involved in fire.

CONDITIONS TO AVOID:

Use or storage near open flames, sparks, high heat (>100°F) or other heat sources.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. Toxicological Information

There is no data available on the product itself.

12. Ecological Information

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

13. Disposal Consideration

Dispose of in accordance with federal, state or local regulations.

14. Transportation Information

Goods are not regulated for transportation by IATA and US DOT.

Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

Transport Hazard Class(es):

Class: 3

HAZCHEM Code: F1

15. Regulatory Information

Contents of this SDS comply with the OSHA Hazard Communication Standard CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS

Section 302 Extremely Hazardous Substances: None.

Section 304 CERCLA Hazardous Substances: None.

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

California Proposition 65: No reportable components.

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.