

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	SP881601	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	CLEAN ALL	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Mild Scent Hand Sanitizer	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), H226
Eye irritation (Category 2A), H319

SIGNAL WORD:
WARNING.

SYMBOL:



HAZARD STATEMENTS:

H226 Flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

Prevention: P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P235 Keep cool.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/light/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+378 IN CASE OF FIRE: Use extinguishing media listed in section 5 of SDS for extinction.

Storage: P403+233 Store in a well ventilated place. Keep container tightly closed.

Disposal: P501 Dispose of contents/container in accordance with local/national regulations.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Ethanol	64-17-5	80%
Hydrogen Peroxide	7722-84-1	0.2%

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Move out of dangerous area, consult a physician. Show this safety data sheet to the doctor in attendance.

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

INHALATION:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

INGESTION:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

The most important known symptoms and effects are described in the labeling (see Section 2) and/or in Section 11.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No data available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Carbon oxides.

SPECIFIC FIRE-FIGHTING METHODS:

Use water spray to cool unopened containers.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

ENVIRONMENTAL PRECAUTIONS:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see Section 13).

REFERENCE TO OTHER SECTIONS:

For disposal see Section 13.

7. Handling and Storage**SAFE HANDLING:**

Avoid contact with eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see Section 2.

SAFE STORAGE & INCOMPATIBILITIES:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas. Hygroscopic.

SPECIFIC END USE(S):

Apart from the uses mentioned in Section 1 no other specific uses are stipulated.

8. Exposure Controls / Personal Protection**PERSONAL PROTECTIVE EQUIPMENT:**

Eye/Face Protection: Wear as appropriate: Goggles, Face-shield.

Respiratory Protection: Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

EXPOSURE GUIDELINES:

Ethanol: ACGIH STEL 1,000 ppm
OSHA PEL 1,000 ppm 1,900 mg/m³

APPROPRIATE ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas.

9. Physical & Chemical Properties

Form:	Liquid.	Flammability(solid/gas):	No data available.
Color:	Colorless.	Flammability Limit-lower (%):	Not measured.
Odor:	Alcohol-like.	Flammability Limit-upper (%):	Not measured.
Odor Threshold:	No data available.	Relative Density:	0.78 – 0.81
pH:	No data available.	Evaporation Rate:	3.0
Melting/Freezing Point:	Not measured.	Flash Point:	72°F - 77°F closed cup.
Boiling Point/Range:	Not measured.		

10. Stability & Reactivity Information**REACTIVITY:**

No data available.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

Vapors may form explosive mixture with air.

CONDITIONS TO AVOID:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

INCOMPATIBLE MATERIALS:

Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Other decomposition products - No data available In the event of fire: See Section 5.

11. Toxicological Information**PRIMARY ROUTE OF ENTRY:****ACUTE TOXICITY:**

LD50 Oral - Rat - 5,045 mg/kg

Remarks: Behavioral: Altered sleep time (including change in righting reflex). Behavioral: Somnolence (general depressed activity).

LC50 Inhalation - Rat - 8 h - 16000 ppm

SERIOUS EYE DAMAGE/EYE IRRITATION:

Eyes - Rabbit

Result: Eye irritation - 24 h

RESPIRATORY SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans.

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

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

REPRODUCTIVE TOXICITY:

No data available.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:

Inhalation, Oral - May cause drowsiness or dizziness.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

No data available.

ASPIRATION HAZARD:

No data available.

ADDITIONAL INFORMATION:

RTECS: NT8050000 Central nervous system depression, prolonged or repeated exposure can cause:; Nausea, Headache, Vomiting, narcosis, Drowsiness, Overexposure may cause mild, reversible liver effects., Aspiration may lead to:; Lung edema, Pneumonia.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Kidney - Irregularities - Based on Human Evidence.

12. Ecological Information**ECOTOXICITY:****Toxicity to A Fish:**

LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h

Toxicity to Daphnia and Other Aquatic Invertebrates:

EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h

Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h

Toxicity to Algae:

EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h

EC50 - Algae - > 1,000.00 mg/l - 24 h

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No bioaccumulation is to be expected (log Pow <= 4).

MOBILITY IN SOIL:

No data available.

RESULTS OF PBT AND VPVB ASSESSMENT:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

OTHER ADVERSE EFFECTS:

No data available.

13. Disposal Consideration**DISPOSAL INSTRUCTIONS:**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

CONTAMINATED PACKAGING:

Dispose of as unused product.

14. Transportation Information**DOT:**

UN Number: 1170

UN Proper Shipping Name: Ethanol Solutions

Class: 3

Packing Group: II

Reportable Quantity (RQ):

Poison Inhalation Hazard: No

IMDG:

UN Number: 1170

UN Proper Shipping Name: Ethanol Solutions

Class: 3

Packing Group: II

EMS-No: F-E, S-D

IATA:

UN Number: 1170

Proper Shipping Name: Ethanol Solutions

Class: 3

Packing Group: II

15. Regulatory Information**US FEDERAL REGULATIONS:**

OSHA Hazards (HCS 1994): Flammable liquid, Eye irritation

TSCA Inventory Listing:

Components: Ethanol

CAS-No. 64-17-5

SARA 302 STATUS:

Components:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Classification: "Fire hazard", "Immediate (acute) health hazard".

US. EPA CERCLA Hazardous Substances (40 CFR 302): None.

Please Note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.

All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US STATE REGULATIONS:**California Prop. 65:** None.**16. Other Information**

For the safety of our customers 0.01% of Bitrex has been added to the product. Bitrex is the Bitterest Stuff on Earth and "denatures" to stop accidental or intentional ethanol ingestion.

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.