

SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1576	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SANIFY PLUS	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Gel Antiseptic Hand wash	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:

Flammable Liquid 2: H225

Eye Irritant 2A: H319

STOT SE 3: H336

Label Elements – This product is regulated by the FDA and is exempt from GHS labeling.

SIGNAL WORD:

DANGER

SYMBOL:



FDA PRODUCT LABELING:

FDA Product Labeling: This product is regulated by the FDA, therefore, the requirements for product labeling do not fall under the jurisdiction of the OSHA Hazard Communication Standard according to 29 CFR 1910.1200. Hazard Pictograms (GHS-US) :

HAZARD STATEMENTS:

H225 - Highly flammable liquid and vapor.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

Prevention:

P210 - Keep away from sparks, open flames, heat, hot surfaces. No smoking.

P233 - Keep container tightly closed.

P235 - Keep cool.

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing vapors, mist, spray.

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.

P312 - Call POISON CENTER/doctor if you feel unwell.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P370+P378 - In case of fire: Use water spray, alcohol-resistant foam, carbon dioxide, dry powder to extinguish.

HAZARDS NOT OTHERWISE SPECIFIED:

Exposure may aggravate those with pre-existing eye, skin or respiratory conditions.

Unknown Acute Toxicity (GHS-US).

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Isopropyl alcohol	67-63-0	30 - 60 Flammable Liquid 2, H225 Eye Irritant 2A, H319 STOT SE 3, H336

Substance: Not applicable.

4. First Aid Measures

EMERGENCY OVERVIEW:

GENERAL: First-aid Measures: General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

SKIN: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.

INHALATION:

When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

INGESTION:

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/Injuries: Eye irritation. May cause drowsiness or dizziness.

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

If you feel unwell, seek medical advice (show the label where possible).

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, dry chemical or sand.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Use of heavy stream of water may spread fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Fire Hazard: Highly flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Hazardous reactions will not occur under normal conditions.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

General Measures: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing (vapor, mist, spray). 6.1.1.

For Non-emergency Personnel Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. 6.1.2.

For Emergency Responders Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Eliminate ignition sources.

ENVIRONMENTAL PRECAUTIONS:

Prevent entry to sewers and public waters. Contact competent authorities after a spill.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Use only non-sparking tools. Notify authorities if liquid enters sewers or public waters.

REFERENCE TO OTHER SECTIONS:

Exposure Controls and Personal Protection.

7. Handling and Storage

SAFE HANDLING:

Additional Hazards When Processed: Do not get in or near eyes. Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

SAFE STORAGE & INCOMPATIBILITIES:

Technical Measures: Not applicable.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Protect from freezing.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

Incompatible Materials: Heat sources.

Storage Area: Store in a well-ventilated place. Keep cool.

SPECIFIC END USE(S):

No additional information available Healthcare Personnel Hand wash. For professional use only.

8. Exposure Controls / Personal Protection

CONTROL PARAMETERS:

Isopropyl alcohol (67-63-0) USA ACGIH ACGIH TWA (ppm) 200 ppm USA ACGIH ACGIH STEL (ppm) 400 ppm USA OSHA OSHA PEL (TWA) (mg/m³) 980 mg/m³ USA OSHA OSHA PEL (TWA) (ppm) 400 ppm USA NIOSH NIOSH REL (TWA) (mg/m³) 980 mg/m³ USA NIOSH NIOSH REL (TWA) (ppm) 400 ppm USA NIOSH NIOSH REL (STEL) (mg/m³) 1225 mg/m³ USA NIOSH NIOSH REL (STEL) (ppm) 500 ppm USA IDLH US IDLH (ppm) 2000 ppm (10% LEL)

PERSONAL PROTECTIVE EQUIPMENT:

Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

APPROPRIATE ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas.

9. Physical & Chemical Properties

Appearance:	Clear.	Flammability(solid/gas):	No data available.
Physical State:	Liquid.	Relative Vapor Density at 20°C:	No data available.
Odor:	Alcohol.	Vapor Pressure:	No data available.
Odor Threshold:	No data available.	Solubility (water):	Complete in water.
pH:	No data available.	Auto-Ignition Temp:	No data available.
Melting/Freezing Point:	No data available.	Decomposition Temp:	No data available.
Boiling Point:	No data available.	Vapor Pressure:	No data available.
Viscosity:	No data available.	Partition Coeff(n-octanol/water):	No data available.
Specific Gravity:	0.89 g/ml.	Evaporation Rate:	No data available.
Explosion Data – Sensitivity to Static Discharge :	Not expected to present an explosion hazard due to static discharge.	Explosion Data – Sensitivity to Mechanical Impact:	Not expected to present an explosion hazard due to mechanical impact.
Flash Point:	70 °F Pensky-Martens Closed Cup (21.11°C)		

10. Stability & Reactivity Information

REACTIVITY:

Hazardous reactions will not occur under normal conditions.

CHEMICAL STABILITY:

Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization will not occur.

CONDITIONS TO AVOID:

Direct sunlight. Extremely high or low temperatures. Open flame.

INCOMPATIBLE MATERIALS:

Strong oxidizers. Halogens. Aldehydes. Inorganic acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon oxides (CO, CO₂). May release flammable gases.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eyes: Causes serious eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause drowsiness or dizziness.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

ACUTE TOXICITY:

Not classified.

Components	Species	Test Results
<hr/>		
Isopropyl alcohol (67-63-0)		
<hr/>		
Acute		
<i>Dermal</i>		
LD50	Rabbit	4059 mg/kg
<i>Inhalation</i>		
LC50	Rat	72600 mg/m ³ (Exposure time: 4 h)
<i>Oral</i>		
LD50	Rat	4710 mg/kg
<hr/>		
2-Phenoxyethanol (122-99-6)		
<hr/>		
Acute		
<i>Dermal</i>		
LD50	Rat	1260 mg/kg
<i>Oral</i>		
LD50	Rat	5 ml/kg

SKIN CORROSION/IRRITATION:

Not classified.

SERIOUS EYE DAMAGE/EYE IRRITATION:

Causes serious eye irritation.

RESPIRATORY SENSITIZATION:

Not classified.

GERM CELL MUTAGENICITY:

Not classified.

TERATOGENICITY:

No data available.

CARCINOGENICITY:

Not classified.

REPRODUCTIVE TOXICITY:

Isopropyl alcohol (67-63-0) IARC group 3 - Not classified.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:

May cause drowsiness or dizziness.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

Not classified.

ASPIRATION HAZARD:

Not classified.

CHRONIC EFFECTS:

None known.

12. Ecological Information

ECOTOXICITY:

2-Phenoxyethanol (122-99-6) LC50 Fish 1 337 - 352 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 Daphnia 1 > 500 mg/l (Exposure time: 48 h - Species: Daphnia magna) LC 50 Fish 2 366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Isopropyl alcohol (67-63-0) LC50 Fish 1 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) EC50 Daphnia 1 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna) EC50 Other Aquatic Organisms 1 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus) LC 50 Fish 2 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) EC50 Other Aquatic Organisms 2 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)

BIOACCUMULATIVE POTENTIAL:

Bioaccumulative Potential: Not established.
2-Phenoxyethanol (122-99-6) Log Pow 1.13 (at 25°C)
Isopropyl alcohol (67-63-0) Log Pow 0.05 (at 25°C)

MOBILITY IN SOIL:

No additional information available.

OTHER ADVERSE EFFECTS:

Avoid release to the environment.

13. Disposal Considerations:

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.
Additional Information: Handle empty containers with care because residual vapors are flammable.
Ecology – Waste Materials: Avoid release to the environment.

14. Transportation Information

DOT: UN Number: UN 1219
UN Proper Shipping Name: ISOPROPANOL
Transport Hazard Class(es):
Class: 3
Subsidiary risk: -
Label Codes: LTD QTY
Packing Group: II
ERG Number: 129

IATA: UN Number: UN8000
UN Proper Shipping Name: CONSUMER COMMODITY (For 2 oz., 4 oz., and 15 oz.)
Transport Hazard Class(es):
Class: 9
Subsidiary risk: -
Label Codes: 9
Packing Group: II
ERG Code (IATA): 9L 1L dispenser size is not acceptable for air shipment.

IMDG: UN Number: UN 1219
UN Proper Shipping Name: ISOPROPANOL (ISOPROPYL ALCOHOL)
Transport Hazard Class(es):
Class: 3
Subsidiary risk: -
Label Codes: LTD QTY
Packing Group: II
EmS-No. (Fire): F-E
EmS-No. (Spillage): S-D
ERG Number: 129

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

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard Fire hazard
2-Phenoxyethanol (122-99-6) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Isopropyl alcohol (67-63-0) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on United States SARA Section 313 EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting 1.0 % (only if manufactured by the strong acid process, no supplier notification)

US STATE REGULATIONS:

Not applicable.
Isopropyl alcohol (67-63-0)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

16. Other Information

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases: Acute Toxicity 4 (Oral) Acute toxicity (oral) Category 4 Eye Irritant 2A Serious eye damage/eye irritation Category 2A Flammable Liquid 2 Flammable liquids Category 2 STOT SE 3 Specific target organ toxicity (single exposure) Category 3 H225 Highly flammable liquid and vapor H302 Harmful if swallowed H319 Causes serious eye irritation H336 May cause drowsiness or dizziness

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.