





# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2173	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	SANI WIPES	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Hand Sanitizing Premoistened Towels	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flam. Sol: Category 2 H228 Eye Irrit: Category 2A H319 STOT SE: Category 3 H336 Full text of H-phrases: See Section 16	<b>SIGNAL WORD:</b> <b>WARNING</b>	<b>SYMBOL:</b>		
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**HAZARD STATEMENTS:**  
Flammable solid.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

**PRECAUTIONARY STATEMENTS:**  
**Prevention:**  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER/doctor if you feel unwell.  
If eye irritation persists: Get medical advice/attention.  
IN CASE OF FIRE: Use water to extinguish.

**Storage:**  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

**Disposal:** Dispose of contents/container to comply with local/regional/national/international regulations.

**HAZARDS NOT OTHERWISE SPECIFIED:**  
No additional information available.

**UNKNOWN ACUTE TOXICITY (GHS US):**  
Not applicable.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	% BY WEIGHT	CLASSIFICATION (GHS-US)
ethanol	64-17-5	60-100	Flam. Liq. 2, H225 STOT SE 3, H336
UNDECETH-7	34398-01-1	0.5-1.5	Acute Tox. 4 (oral), H302 Eye Dam 1, H318

## 4. First Aid Measures

**EMERGENCY OVERVIEW**

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

**EYES:** Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

**SKIN:** Take off immediately all contaminated clothing, and wash it before reuse. Rinse skin with water/shower.

**INHALATION:**  
Remove the victim into fresh air.

**INGESTION:**  
Rinse mouth with water. Do NOT induce vomiting.

**MOST IMPORTANT SYMPTOMS AND EFFECTS (both acute and delayed):**  
**First-aid measures general:** Not expected to present a significant hazard under anticipated conditions of normal use.  
**First-aid measures after inhalation:** None under normal use.  
**First-aid measures after skin contact:** Contact during a long period may cause light irritation.  
**First-aid measures after eye contact:** Causes serious eye irritation.  
**First-aid measures after ingestion:** Gastrointestinal complaints.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**  
Treat symptomatically.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

All extinguishing media allowed.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Highly flammable liquid and vapor. Upon combustion: CO and CO<sub>2</sub> are formed.

### SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Isolate from fire, if possible, without unnecessary risk. Protective goggles. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes, and clothing. Ventilate spillage area. Equip cleanup crew with proper protection.

### ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop leak if safe to do so. Stop release. Ventilate area. Avoid release to the environment. Prevent entry to sewers and public waters. Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

## 7. Handling and Storage

### SAFE HANDLING:

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Keep container tightly closed. Wash thoroughly after handling. Wash contaminated clothing before reuse.

### SAFE STORAGE:

**Technical measures:** Comply with applicable regulations.

**Storage conditions:** Keep container closed when not in use.

**Incompatible products:** Oxidizing agent.

**Prohibitions on mixed storage:** KEEP SUBSTANCE AWAY FROM: oxidizing agents.

**Storage area:** Meet the legal requirements. Store in a well-ventilated place.

**Special rules on packaging:** Meet the legal requirements.

## 8. Exposure Controls / Personal Protection

Use appropriate personal protective equipment when risk assessment indicates this is necessary.

### PERSONAL PROTECTIVE EQUIPMENT:



## 9. Physical & Chemical Properties

<b>Appearance:</b>	Premoistened wipe.	<b>Flammability(solid/gas):</b>	No data available.
<b>Physical State:</b>	Solid.	<b>Boiling Point:</b>	>95°F
<b>Odor:</b>	Pleasant scent.	<b>Flash Point:</b>	70°F Closed Cup-tested using the liquid component of the towelette.
<b>Odor Threshold:</b>	No data available.	<b>Explosion Limits:</b>	No data available.
<b>pH:</b>	No data available.	<b>Explosive Properties:</b>	No data available.
<b>Melting Point:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Log Kow:</b>	No data available.
<b>Log Pow:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>Viscosity:</b>	No data available.	<b>Solubility (water):</b>	Liquid component soluble in water.
<b>Specific Gravity:</b>	0.88 g/ml	<b>Auto-Ignition Temperature:</b>	No data available.
<b>Relative Evaporation Rate (butyl acetate=1):</b>	No data available.	<b>Decomposition Temperature:</b>	No data available.
<b>Viscosity (kinematic):</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>VOC:</b>	<75%-Tested using the liquid component of the towelette.	<b>Relative Vapor Density (20°C):</b>	No data available.
		<b>Viscosity (dynamic):</b>	No data available.

## 10. Stability & Reactivity Information

### REACTIVITY:

Upon combustion: CO and CO<sub>2</sub> are formed.

### CHEMICAL STABILITY:

No additional information available.

### POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to Section 10 on Reactivity.

### INCOMPATIBLE MATERIALS:

No additional information available.

### CONDITIONS TO AVOID:

Refer to Section 10 on Incompatible Materials.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological Information

### ACUTE TOXICITY:

Not classified.

### UNDECETH-7 (34398-01-1)

LD50 oral rat: >1400 mg/kg

### Ethanol (64-17-5)

LD50 oral rat: 10740 mg/kg body weight (Rate; OECD 401: Acute Oral Toxicity, Experimental value)

LD50 dermal rabbit: >1600 mg/kg (Rabbit; Literature study)

ATE CLP (oral): 10740.000 mg/kg body weight

### SKIN CORROSION/IRRITATION:

Not classified.

### SERIOUS EYE DAMAGE/IRRITATION:

Causes serious eye irritation.

### RESPIRATORY OR SKIN SENSITIZATION:

Not classified.

### GERM CELL MUTAGENICITY:

Not classified.

### CARCINOGENICITY:

Not classified.

### REPRODUCTIVE TOXICITY:

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.

### SYMPTOMS/INJURIES AFTER INHALATION:

None under normal use.

### SYMPTOMS/INJURIES AFTER SKIN CONTACT :

Contact during a long period may cause light irritation.

### SYMPTOMS/INJURIES AFTER EYE CONTACT:

Causes serious eye irritation.

### SYMPTOMS/INJURIES AFTER INGESTION:

Gastrointestinal complaints.

## 12. Ecological Information

### TOXICITY:

#### UNDECETH-7 (34398-01-1)

LC50 Fish 1	<10 MG/L
EC50 Daphnia 1	<10 MG/L
ErC50 (algae)	<10 MG/L

#### Ethanol (64-17-5)

LC50 fish 1	14200 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	9300 mg/l (48 h; Daphnia magna)
LC50 fish 2	13000 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 2	10800 mg/l (24 h; Daphnia magna)
Threshold limit other aquatic organisms 1	65 mg/l (72 h; Protozoa)
Threshold limit algae 1	1450 mg/l (192 h; Microcystis aeruginosa; Growth rate)

### PERSISTENCE AND DEGRADABILITY:

#### Ethanol (64-17-5)

Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.
Biochemical oxygen demand (BOD)	0.8-0.967 g O /g substance
Chemical oxygen demand (COD)	1.70 g O /g substance
ThOD	2.10 g O /g substance
BOD (% of ThOD)	0.43% ThOD

### BIOACCUMULATIVE POTENTIAL:

#### Ethanol (64-17-5)

BCF fish 1	1 (72 h; Cyprinus carpio)
Log Pow	-0.31 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow <4)

## 13. Disposal Consideration

Do not flush wipes. Dispose of contents/container to comply with local/regional/national/international regulations. Dispose in a safe manner in accordance with local/national regulations.

## 14. Transportation Information

### DEPARTMENT OF TRANSPORTATION (DOT)

**UN NUMBER (DOT):** UN3175

**Proper Shipping Name (DOT):** Solids containing flammable liquid, n.o.s.

**Transport hazard class(es) (DOT):** 4.1-Class 4.1- Flammable Solid 49 CFR 173.124

**Hazard labels (DOT):** 4.1- Flammable solid.



**Packing group (DOT):** II- Medium Danger  
**DOT Packaging Non Bulk (49 CFR 173.xxx):** 212  
**DOT Packaging Bulk (49 CFR 173.xxx):** 240  
**DOT Symbols:** G-Identifies PSN requiring a technical name.  
**DOT Special Provisions (49 CFR 172.102):** 47, 1B6, 1P2, T3, TP33  
**DOT Packaging Exceptions (49 CFR 173.xxx):** 151  
**DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):** 15 kg  
**DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):** 50 kg  
**DOT Vessel Stowage Location:** B

**ADDITIONAL INFORMATION:**

This product may be eligible to be shipped as a Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.151,

**ADR:** No additional information available.

**TRANSPORT BY SEA:**

No additional information available.

**AIR TRANSPORT:**

No additional information available.

**15. Regulatory Information**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**UNDECETH-7 (34398-01-1)**

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard.

**California Proposition 65:**

This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

**16. Other Information**

**TRAINING ADVICE:**

Normal use of this product shall imply use in accordance with the instructions on the packaging.

**FULL TEXT OF H-PHRASES:**

- Acute Tox. 4 (Inhalation) Acute toxicity (inhalation) Category 4.
- Eye Dam. 1: Serious eye damage/eye irritation Category 1.
- Eye Irrit. 2A Serious eye damage/eye irritation Category 2A.
- Flam. Liq. 2: Flammable liquids Category 2.
- Flam. Sol. 2: Flammable solids Category 2.
- STOT SE 3 Specific target organ toxicity (single exposure) Category 3.
- H225 Highly flammable liquid and vapor.
- H228 Flammable solid.
- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause drowsiness and dizziness.

<b>NFPA</b>	Health Hazards: 0	Flammability: 3	Instability: 0	Physical & Chemical Properties:
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**NFPA Health Hazard:** 0-Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

**NFPA fire hazard:** 3-Liquids and solids that can be ignited under almost all ambient conditions.

**NFPA Reactivity:** 0-Normally stable, even under fire exposure conditions, and are not reactive with water.

**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.