

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name **ProCure 70% Alcohol Hand Wipes**
Product Code PCAHW135
Company Name Twin Med LLC.
(Supplier of SDS)
Address 11333 Greenstone Ave. • Santa Fe Springs, CA 90670
Contact 1-877-TwinMed (894-6633)
Emergency 1-877-TwinMed (894-6633)
Relevant Use Disinfecting wipes

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Flam. Liq. 2: H225
Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation.

2.2 Label Elements



Signal Word **Danger**

Hazard statements
H315: Highly flammable liquid and vapour
H319: Causes serious eye damage

Precautionary statements
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P102: Keep out of reach of children.
P103: Read label before use.

2.3 Other hazards This product is not identified as a PBT/vPvB substance.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical Name	Conc. (%)	EC No.	CAS No.	PBT /WEL	CLP Classification
ETHANOL	60% - 80%	200-578-6	64-17-5	-	Flam Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336

For the full test of all R-Phrases and Hazard Statements are available in Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Remove from source of exposure and into fresh air. If discomfort persists, seek medical advice.

Skin

Unlikely to cause symptoms under normal use but if signs of irritation or discomfort occur seek medical advice

Eye

Flush eye with running water for 15 minutes. If irritation persists seek medical advice.

Ingestion

Unlikely due to physical properties of product. Do not induce vomiting. Seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye damage. Vapours may cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms as they occur.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Carbon dioxide. Alcohol resistant foam or dry chemical.

5.2 Special hazards arising from the substance or mixture

Highly flammable. Vapour may travel to reach remote ignition sources. Combustion emits toxic fumes including carbon dioxide and carbon monoxide.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing should be worn.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition. If packaging is broken appropriate PPE should be worn.

6.2 Environmental precautions

Prevent from entering waterways. Contain using bunding.

6.3 Methods and material for containment and cleaning up

For large releases, absorb into dry earth and transfer into containers. Wash spill site with water.

6.4 Reference to other sections

For recommended personal protective equipment see Section 8.
For disposal considerations see Section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from ignition sources. Use in ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry area away from direct sunlight and ignition sources. Keep container closed tightly.

7.3 Specific end use

Identified in Section 1.2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

The product is impregnated onto a fabric substrate so free liquid will not be available and exposure significantly mitigated.

Hazardous Ingredients

ETHANOL

Workplace exposure limits:

State	8 hour TWA	15 min. STEL
UK	1920 mg/m ³	none

DNEL/PNEC Values

No data available.

8.2 Exposure controls

Engineering controls

Ensure there is sufficient ventilation of the area. Ensure all ignition sources are removed.

Personal protective equipment

The need for personal protective equipment should be based on a workplace risk assessment for the particular use. Avoid skin and eye contact by wearing safety goggles and protective gloves.

Environmental exposure controls

Not available

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Moist wipe saturated with colourless liquid
Odour	Alcoholic
Odour threshold	Not available
pH	5.0-7.5
Melting/freezing point	No data available.
Initial boiling point/range	82°C at 1013 hPa (ethanol)
Flash point	ca. 18°C (70% ethanol)
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Flammability or explosive limits	Lower: 2% Upper: 12%
Vapour pressure	No data available.
Relative density	0.83-0.89
Solubility	Not applicable as article is an impregnated wipe substrate.
Partition coef	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	Not applicable as article is an impregnated wipe substrate.
Explosive properties	Vapours may form explosive mixtures with air
Oxidising properties	No data available.

9.2 Other information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Not available

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Not available

10.4 Conditions to avoid

Heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Aldehydes, amines, strong oxidisers, caustics, chlorinated compounds, alkanolamines

10.6 Hazardous decomposition products

In combustion emits toxic fumes (carbon dioxide and carbon monoxide)

11. TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Based on 100% ETHANOL

Acute toxicity

Oral: Rat LD50 7060 mg/kg

Inhalation: Mouse LC50 39 mg/l (4hr)

Dermal: No information available

Irritancy

Classified as an eye irritant.

Corrosivity

Not classified

Sensitisation

Not classified

Repeated dose toxicity

Not classified

Carcinogenicity

IARC Category 1

Mutagenicity

Not classified

Toxicity for reproduction

Not classified

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Not expected to be hazardous to aquatic organisms

12.2 Persistence and degradability

Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential

12.4 Mobility in soil

Expected to remain in water or migrate through soil

12.5 Results of PBT and vPVP assessment

Not available

12.6 Other adverse effects

Not available

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

For large scale industrial use, the liquid should be disposed of by incineration. Disposal must be in accordance with current national and local regulations. Chemical residues generally count as special waste. General EU requirements are given in Directive 2008/98/EC.

14. TRANSPORT INFORMATION

14.1 UN Number

UN1993

14.2 UN Proper Shipping Name

FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es)

3

14.4 Packing groups

II

14.5 Environmental hazards

Not marine pollutant/environmentally hazardous

14.6 Special precautions for user

No special precautions.

Tunnel code

D/E

Transport category

2

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the mixture

Not applicable..

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Basis of classification

The mixture is self-classified on the basis of available information on the ingredients

List of R-phrases

F: Flammable, Xi: Irritant, R11: Highly Flammable, R36: irritating to the eyes, R67: Vapours may cause drowsiness or dizziness.

List of hazard statements

H225: Highly flammable liquid and vapour, H319: Causes serious eye irritation, H336: May cause drowsiness or dizziness.

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.