

SAFETY DATA SHEET (SDS)

This data sheet was prepared according to US OSHA Hazard communications Standards (29 CFR 1910.1200), UN GHS Rev 8 and the EU CLP Regulation (EC) No 1272/2008. It may be used to comply with all the above standards. Should you need more information, consult the Standards for specific requirements.

Section 1 – Identity of the Product (substance/mixture) and Company/undertaking

Product Name (As Used on Label and List)

Disinfecting Wipes-75% Ethyl Alcohol

Manufacturer's Name

DermaRite Industries, LLC

Address (Number, Street, City, State, and ZIP Code)

7777 WEST SIDE AVENUE, NORTH BERGEN NJ 07047

Section 2 – Hazards Identification

Overview: This product is regulated by the US FDA as an Over the Counter (OTC) monograph drug.

Intended Use: as an antibacterial/disinfecting wipe

For consumers: Consult the Drug Facts on the package for usage directions and warnings information.

Warnings:

- For External Use only
- When using this product, avoid contact with the eyes.
- Not intended for use on broken, blistered, or oozing skin.
- Stop use and consult a doctor if irritation occurs and condition worsens, or symptoms persist for more than 7 days.
- If swallowed, get medical help or contact a Poison Control Center immediately.

List all hazards regarding the material:

- Physical Hazards:** GHS Classification Flammable Liquid, Category 2
- Health Hazards:** Eye Irritation possible, categories 2A
 - Specific target organ toxicity, single exposure Category 3 potential Narcotic effects
- Environmental Hazards:** This product does not meet the classification criteria according to OSHA Hazcom 2012.
- OSHA Defined Hazards:** This product does not meet the classification criteria according to OSHA Hazcom 2012.

GHS Label Elements, including precautionary statement:

Hazard Symbol (s):



Signal Word:

Danger

Hazard Statement:

H225: Highly Flammable liquid and vapor. May cause serious eye irritation.
Contains ethyl alcohol (ethanol), exposure to large quantity of vapor may cause drowsiness or dizziness.
H319: Causes serious eye irritation

Precautionary Statements:

Prevention Statement – P210: Keep away from heat, sparks, open flames, or hot surfaces. No smoking when using this product.

Response Precautionary Statements: P305 + 351 + 338. IF IN EYES: Rinse thoroughly with water. Life eye lids and flush with water for several minutes. If contact lenses present, remove and continue to rinse with water.
P337 + 313: If eye irritation persists get medical attention

Storage Precautionary Statements: **P403: + 235:** Store in a well-ventilated space away from sunlight or direct sources of heat.

Disposal Precautionary Statements: **P501:** Dispose of contents and container in accordance with local/regional and national Regulations.

Description of any hazards not otherwise classified: None. See section 11 for more information on health effects and symptoms

Section 3: Composition and Information on Ingredients

Composition: Non-woven cloth saturated with the follow liquids:

Chemical Name	CAS Number	Content (V/V)
Ethyl Alcohol	64-17-5	75%
Purified Water	7732-18-5	24%
Phenoxyethanol	122-99-6	0.5%
Aloe Barbadensis Leaf extract	85507-69-3	9.2%
Glycerin	56-81-5	0.1%
Ethyl hexyl glycerin	70445-33-9	0.1%
Propylene Glycol	57-55-6	0.1%

Abbreviation: CAS No. refers to the Chemical Abstract Service Registry Number.

Section 4 – First aid measures

4.1 Description of first aid measures:

Eye Contact: Flush eyes with clear running water for 15 minutes, if irritation persists, seek medical attention.

Skin Contact: If skin irritation develops, stop use and consult a physician.

Inhalation: If exposed to large amounts of vapor as in large spills, watch for signs of intoxication and move to fresh air.

Ingestion: Accidental ingestion at a level high enough to be dangerous to the health is unlikely, however if it is suspected That a child has swallowed a significant amount, rinse mouth with water, get medical attention.

Section 6 – Accidental Release Measures

For guidance on selection of personal protective equipment see section 8 of this Safety Data Sheet. See Section 13 for information on disposal. Observe all relevant local and national regulations regarding disposal.

6.1 Personal precautions, protective equipment, and emergency procedures: Eliminate sources of ignition in the area

6.2 Environmental precautions: if product has spilled, prevent further leakage from open containers.

6.3 Methods and material for containment and cleaning spills: Clean up spills immediately and dispose of properly.

Section 7 – Handling and Storage

7.1 Precautions for safe Handling:

Use according to recommended use. Follow instructions on product label. Avoid contact with eyes and avoid inhaling vapors.

Keep product away from all sources of ignition. Do NOT smoke while using alcohol disinfecting wipes.

7.2 Conditions for Safe Storage, including any incompatibilities

Storage areas should be cool, well ventilated and away from sources of heat. Keep containers tightly closed.

Section 8 – Exposure Controls, Personal Protection

8.1 Exposure Limits

Components	ACGIH TLV	OSHA-PEL
Ethyl Alcohol (CAS 64-17-5)	1000 ppm TWA 1900 mg/m ³	1000 ppm TWA 1900 mg/m ³

2 Exposure Controls

8.2 Exposure Controls

Appropriate engineering controls: Use of basic principles of industrial hygiene will enable product to be used safely

Personal Protective Equipment:

Respiratory protection:	None when the product is used as intended
Eye Protection:	None when the product is used as intended
Body Protection:	None when the product is used as intended
Hand Protection:	None when the product is used as intended
Other Protection:	None when the product is used as intended

Section 9 – Physical and chemical properties

Appearance: Non-woven white cloth as the substrate

Liquid portion: clear liquid

Odor: Mild alcohol odor

pH @ 25°C: 6.5 – 7.0

Boiling Point: 180°F

Melting Point: Not applicable

Flash Point: Approx. 75-80°F

Explosive Properties: Not explosive

Oxidizing Properties: low-moderate

Specific Gravity: <1.0 @ 20°C

Water Solubility: Soluble in water

Vapor Pressure (Air = 1): 40

Section 10 – Stability and Reactivity Data

10.1 Stability: Stable under recommended conditions. Risk of ignition if heated and an ignition source is present

10.2 Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

10.3 Possibility of Hazardous Reaction: Polymerization does not occur

10.4 Conditions to Avoid: High heat and sources of ignition

10.5 Materials to Avoid: Strong oxidizer agents and strong acids

10.6 Hazardous Decomposition Products: Carbon dioxide possible

10.7 Hazardous Polymerization: Will not occur

Section 11 – Toxicological Information

Substance	CAS No.	LD50 oral - rat	LC50 Inhalation rat	LD50 Skin-rabbit
Ethyl alcohol	64-17-5	7060 mg.kg	20,000 ppm /10 hours	15,800 mg/kg

Skin Irritation: Ethyl Alcohol (CAS 64-17-5)
Skin – Rabbit
Result: No skin irritation over 24 hr. (OECD Test Guideline 404)

Serious Eye Irritation/damage: Ethyl Alcohol (CAS 64-17-5)
Eyes – Rabbit
Result: Moderate eye irritation (OECD Test Guideline 405)

Respiratory or Skin Sensitization: Not likely due to form of product.

Germ Cell Mutagenicity: Based on available data, no classification criteria are met

Carcinogenicity: None of the components of this product is listed as a carcinogen by IARC, NTP, OSHA,

Reproductive Toxicity: Based on available data, the classification criteria are not met

Specific Target Organ Toxicity – Single No known human health effects upon single exposure.

Exposure (Globally Harmonized System):

Specific Target Organ Toxicity – Repeated: No known human health effects upon repeated exposure.

Aspiration Hazard: Based on available data, the classification criteria are not met

Potential Health Effects: Not expected to cause serious or immediate health effects. May cause slight irritation to broken or abraded skin. Can cause eye irritation if liquid gets in eyes.

Section 12 – Ecological Information

12.1 Toxicity: No known significant effects or critical hazards on plants or animals in the environment under conditions of normal use.

12.2 Persistence and degradability: Ethyl alcohol is 95% biodegradable (readily biodegradable) in the environment.

12.3 Bio-accumulative Potential: Due to the distribution coefficient in water, accumulation in organisms is not expected.

12.4 Mobility in Soil: No data available

12.5 Results of PBT and vPvB assessment: This substance contains no components considered to be either persistent, Bio-accumulative and Toxic (PBT) or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

12.6 Other Adverse Effects: No ecological considerations under normal usage.

Ethyl Alcohol:

EC 50 Crustacea: - Water Flea (*Daphnia magna*) 5012 mg/l 48 hours

EC 50 Green algae: (*Selenastrum capricornutum*) 1000 mg/l 96 hours

LC 50 Fathead Minnow: (*Pimephales promelas*) 100 mg/l 96 hours

Environmental Exposure Controls: During manufacture, controls should be engineered to prevent release to the environment.

Ozone depletion Potential: No component is known to have ozone depletion potential.

Section 13 – Disposal Consideration

Product: The product as sold is considered a Non-hazardous waste.

Waste Disposal Methods: Dispose in accordance with local, state or federal regulations.

Section 14 – Transport Information

14.1 UN-Number: ADR/RID/AND, IMDG, IATA - (3175)

14.2 UN proper shipping name: ADR/RID/AND,IMDG, IATA = SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es): ADR/RID/AND,IMDG, IATA

Class – 4.1

Label:



14.4 Packing group: ADR/RID/AND,IMDG, IATA = (2)

14.5 Environmental Hazards: (Marine Pollutants) = NO

14.6 Special Precautions for User: No special precautions

14.7 Transport in bulk according to Annex 1 of Marpol and the IBC Code: = Not applicable

14.8 Special Provision (exemption clause): IATA: Special Provision #46

IMDG Code: Special Provision # 216

Section 15 – Regulatory Information

15.1 EU Regulations: Classification accord to (EC) Regulation NO 1272/2008 [EU-GHS/CLP:

Flammable Liquids: Category 2

Eye Irritation: Category 2A

15.2 USA Regulations:

FDA: The product is an Over The Counter (OTC) monograph drug product regulated by the US FDA.

OSHA: This product is considered a hazardous substance under OSHA's Federal Communications standard 29 CFR 1910.1200

CERCLA: This product has not been assigned a reportable quantity

SARA 302: This product does not contain any chemical components that exceed the threshold levels established by SARA Title 3 -S313

SARA 311/312 Hazards: Fire hazard, Acute Health Hazard

CAL Prop 65: Does not contain any chemical known to state of California to cause cancer, birth defects or reproductive harm

TSCA: This product is not regulated by the Toxic Substances Control Act

Section 16 – Additional Information

16.1 References

Located at the following Link

IPCS: The International Chemical Safety Cards

<http://www.ilo.org/dyn/icsc/showcard.home>

IARC

<http://www.iarc.fr/>

OECD: Global Portal to Information on Chemical Substances

www.echemportal.org/echemportal/index?pageD=}&request_locale=en

CAMEO Chemicals

<http://cameochemicals.noaa.gov/search/simple>

NLM:ChemIDplus

<http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>

EPA Integrated Risk Information System

<http://cfpub.epa.gov/iris/>

US Department of Transportation:ERG

<http://www.phmsa.dot.gov/hazmat/library.erg>

Germany GESTIS-database of hazard substances

<http://gestis-en.itrust.de/>

16.2 Abbreviations and Acronyms

OSHA	Occupational Safety and Health Administration
NTP	National Toxicology Program
IARC	International Agency For Research on Cancer
ACGH	American Conference of Governmental Industrial Hygienists
UN	United Nations
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
STEL	Short Term Exposure Limits
TWA	Time Weighted Average
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
NOEC	No Observed Effect Concentration
EC50	Effective Concentration 50%
PBT	Persistent Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative

16.3 Disclaimer

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