

D-Wipe® Towels

Issue Date: 06-Oct-1997

Revision Date: 08-June-2016

1. IDENTIFICATION

Product Name: D-Wipe® Towels
 Other means of identification: Product Code: WT-040; WT-041, WT-441; WT-070; WT-071; WT-150; WT-151; WT-451; WT-325; WT-325-1; WT-001; WT-010; WT-101; WT-1101; WT-501
 Recommended Use: Moistened Cleaning Towel

Company

ESCA Tech, Inc.
 3747 North Booth Street
 Milwaukee, WI 53212
 e-mail: cservice@esca-tech.com

Emergency Telephone Number

Company Phone Number: Phone: (414) 962-5323
 Fax: (414) 962-7003
 Emergency Telephone (24 hr): INFOTRAC 1-352-323-3500 (International)
 1-800-535-5053 (North America)

2. HAZARD IDENTIFICATION

GHS Classification

Eye Irritation: Category 2B

GHS Label element

Signal Word: Warning

Hazard Statements: Causes eye irritation.

Precautionary Statements:

Prevention

Avoid contact with eyes. For external use only.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF SKIN IRRITATION OCCURS: Rinse with water. If skin irritation persists: Get medical attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately. IF INHALED: Remove person to fresh air.

Other Hazards:

Harmful to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

See Product Label for complete ingredient list.

Chemical Name	CAS No	Weight %
Ethyl Alcohol	64-17-5	<8

** If Chemical Name/CAS No is "proprietary" and/or Weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

First Aid Measures

In case of eye contact:

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

In case of skin irritation:

Rinse with water. If skin irritation persists: Get medical attention.

If swallowed:

Not a normal route of entry. Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

If inhaled:

Remove person to fresh air. Get medical attention if symptoms occur.

Symptoms:

Direct eye contact may cause stinging, tearing and redness. Ingestion may cause nausea.

Notes to physician:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	None known.
Specific hazards during firefighting:	Not flammable or combustible. Non-flammable solid according to 16 CFR 1500.44.
Hazardous combustion products:	Carbon oxides
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure clean-up is conducted by trained personnel only. Refer to protective measures, section 7 and 8.
Environmental precautions:	Avoid contact with soil, surface or groundwater.
Methods and material containment and cleaning up:	Stop and prevent further leakage or spillage if safe to do so. Contain spillage and then absorb with non-combustible, absorbent material. Place in appropriate containers for disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Advice on safe handling:	Avoid contact with eyes.
Conditions for safe storage:	Keep out of reach of children except under adult supervision. Keep container tightly closed in a cool, dry and well-ventilated place. Store in suitable labeled containers.
Storage temperature:	Storage between 40 – 100 °F (4 - 38 °C), out of direct sunlight and away from extreme heat. Store away from sources of ignition.
Incompatible materials:	Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	STEL: 1,000 ppm	TWA: 1,000 ppm TWA: 1,900 mg/m ³	IDLH: 3,300 ppm TWA: 1,000 ppm TWA: 1,900 mg/m ³

Engineering Controls: No special requirements.

Individual protection measures, such as personal protective equipment

Eye/face protection:	Avoid contact with eyes. No protective equipment is needed under normal use conditions.
Skin and body protection:	No protective equipment is needed under normal use conditions.
Respiratory protection:	No protective equipment is needed under normal use conditions.
Hygiene measures:	No specific measures identified.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White applicator towel saturated with clear liquid.
Odor:	Citrus
Odor threshold:	Not determined
pH:	4.5 – 5.5
Melting point/Freezing point:	Not determined
Boiling point/Boiling range:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not established
Flammability (solid, gas):	Non-flammable solid according to 16 CFR 1500.44
Upper Flammability Limits:	Not determined
Lower Flammability Limits:	Not determined
Vapor pressure:	Not established
Vapor density:	Not applicable
Specific gravity:	Not applicable
Water solubility:	Not applicable
Solubility in other solvents:	Not determined
Partition coefficient:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not applicable
Oxidizing properties:	Not determined
VOC content:	8% max.

10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal use.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	Avoid high temperatures.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure: Eye contact, skin contact, inhalation.

Potential Health Effects

Eyes:	Causes eye irritation.
Skin:	Not expected to be a skin irritant under normal use.
Ingestion:	Not a normal route of entry. Health injuries are not expected under normal use.
Inhalation:	Health injuries are not expected under normal use.

Product**Experience with human exposure**

Eye contact:	Redness, irritation
Skin contact:	Slight irritation may occur in some individuals.

Ingestion: May cause nausea.
Inhalation: No symptoms are expected.

Toxicity

Acute oral toxicity: Numeric measures of toxicity: Not determined.
Acute dermal toxicity: Not determined.
Acute inhalation toxicity: Not determined.
Sensitization: May cause allergic skin reaction in some individuals
Carcinogenicity: Ethanol has been known to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

Ingredients Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 64-17-5	= 7,060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Sorbic Acid 110-44-1	= 3,650 mg/kg (Rat)	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental effects: Harmful to aquatic life.

Product

Toxicity to fish: No data available.
Toxicity to daphnia and other aquatic invertebrates: No data available.
Toxicity to algae: No data available.

Ingredients Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethyl Alcohol 64-17-5		12.0 – 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13,400 -15,100; 96 h Pimephales promelas mg/L LC50 flow-through		9,268 -14,221: 48 h Daphnia magna mg/L LC50 10,800; 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 static
Sorbic Acid 110-44-1		1,000 – 1,500; 48 h Leuciscus idus mg/L LC50 static		353.54: 48 h Daphnia magna mg/L EC50

Persistence/Degradability: Not determined.
Bioaccumulative potential: Not determined.
Mobility in soil: Not determined.
Other Adverse Effects: Not determined.

13. DISPOSAL CONSIDERATION

Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

D.O.T.: Non-flammable solid according to 16 CFR 1500.44.

IATA.: Not regulated.

IMDG: Not regulated.

15. REGULATORY INFORMATION

US Federal Regulations

RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D): NA

CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants): NA

CLEAN WATER ACT (RQ, 40 CFR): NA

SARA Title III:

Section 302 -304, 40 CFR 355: Components present in this product at a level which could require reporting are: none.

Section 311 - 312: Components present in this product at a level which could require reporting are: none.

Section 313: NA

TSCA Section 8(b) Inventory Status: All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.

Canada DSL: All ingredients are listed on the Canada Domestic Substances List.

AICS Inventory Status: All ingredients are listed on the Australia Inventory of Chemical Substances.

76/768EEC Cosmetics Directive: All ingredients are listed.

REACH: Exempt cosmetic skin cleaner.

US State Regulations

This product contains the following Proposition 65 chemicals:

Chemical Name	California Proposition 65
Ethyl Alcohol 64-17-5	Carcinogen Developmental Ethanol has been known to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

Right-to-Know Regulations:

Ethyl Alcohol (64-17-5): FL, MA, NJ, PA

Legend

- AICS – Australian Inventory of Chemical Substances
- ACGIH - American Conference of Governmental Industrial Hygienists
- D.O.T. – Department of Transportation (US)
- DSL/NDSL –Canadian Domestic Substances List/Non-Domestic Substances List
- EU – European Union
- FDA – Food and Drug Administration (US)
- IARC – International Agency for Research on Cancer
- IATA - International Air Transport Association
- IMDG- International Maritime Dangerous Goods

NTP – National Toxicology Program (US)

NIOSH - National Institute for Occupational Safety and Health

OSHA - Occupational Safety and Health Administration (US)

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals (EU)

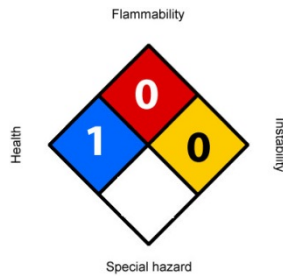
RCRA - Resource Conservation and Recovery Act

SARA - Superfund Amendments and Reauthorization Act (US)

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

16. OTHER INFORMATION

NFPA:



HMIS III



0 = not significant
1 = slight
2 = moderate

3 = high
4 = extreme
* = chronic

Revisions:

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Revision number: R16

Revision note: New format. Rev 15: Updated Section 3, 4, 9, 15. Rev 16: Updated Section 2, 4, 15

Disclaimer "

The information provided in this Safety Date Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and it is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or any process, unless specified in the text.