

Wash 'N Dri Towelettes

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Wash 'N Dri Towelettes

Manufactured for:
The Clorox Sales Company
 1221 Broadway
 Oakland, CA 94612
 Telephone: (510) 271-7000

Product Type Pre-moistened disposable towels for skin cleansing/sanitizing

Formula C-P #100

Emergency Phone Numbers For Medical Emergencies Call: 1-800-446-1014
 For Transportation Emergencies Call: 1-800-424-9300 (Chemtrec)

2 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Materials	Material	%	CAS #	Exposure Limit	Source
Note: Percentage concentration given refers to liquid component only.	Ethanol	5-10	64-17-5	1000 ppm TWA	(3)
Non-Hazardous Ingredients Greater Than 1%	Water	80-90	7732-18-5	None Established	(3)

None of the ingredients is listed as a carcinogen or potential carcinogen by IARC, NTP or OSHA.

The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA following a decision by the 11th Circuit Court of Appeals. These PELs are being enforced by Federal OSHA. Be aware that more restrictive limits may be enforced by some states. The Armor All / STP Products Company recommends that the lower exposure limits be observed as reasonable worker protection.

The source for exposure limits listed above are:

1. OSHA Permissible Exposure Limit (PEL)
2. ACGIH Threshold Limit Value (TLV)
3. Both the OSHA PEL and ACGIH TLV
4. Recommended by the Manufacturer

3 HAZARDS IDENTIFICATION

Principal Hazards **Warning**

Wash 'N Dri Towelettes

- Direct contact may cause mild eye irritation.
- Prolonged or repeated skin contact may cause irritation.

See Section 11 for complete health hazard information

KEEP OUT OF REACH OF CHILDREN

4 FIRST AID

Swallowing	Ingestion of this material would not be expected due to the physical form. If it occurs, rinse mouth well with water. Seek medical attention if symptoms develop.
Skin	None normally needed. If skin irritation or redness develops, seek medical attention.
Inhalation	No harmful effects expected during normal use. If irritation or symptoms of exposure develop, go to an area of fresh air. Get medical attention if irritation persists.
Eyes	Exposed eyes should be immediately flushed with a large amounts of water. If irritation, pain, swelling or tearing develops, seek medical attention.
Notes To Physician	There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical conditions of the patient.

5 FIRE FIGHTING MEASURES

Flash Point (Method)	120°F (49°C) (estimated)
Upper Flammable Limit	19% (ethanol)
Lower Flammable Limit	3.3% (ethanol)
Extinguishing Media	Use carbon dioxide, dry chemical or foam. Cool fire exposed containers and structures with water.
Special Firefighting Procedures	Use self contained breathing apparatus and full protective clothing in enclosed or confined fires.
Unusual Fire and Explosion Hazards	Combustible liquid. Excessive heat and open flames may cause the towelette to burn.

5 FIRE FIGHTING MEASURES (continued)

Combustion Decomposition	When heated to decomposition, carbon monoxide and carbon dioxide may be produced.
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Decomposition

Auto-ignition Temperature Not determined

Explosion Data Not an explosion hazard.

6 ACCIDENTAL RELEASE MEASURES

Spill Collect towels for reuse or disposal in a suitable container.

7 HANDLING AND STORAGE

Handling Procedures

- Avoid contact with eyes.
- Avoid prolonged skin contact .
- Keep container closed when not in use.

Storage Procedures

- Store in a cool, dry area away from excessive heat and open flames.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Procedures General ventilation should be adequate for normal use.

Gloves Protection None needed under normal use conditions.

Eye Protection None needed under normal use conditions.

Respiratory Protection None needed under normal use conditions. For firefighting, use self-contained breathing apparatus.

Clothing Recommendation None needed under normal use conditions.

9 PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure Not determined

pH 4.8-6.0

Specific Gravity 0.96-1.0

Water Solubility Towels insoluble, liquid completely soluble

Percent Volatile Not determined

9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Vapor Density Not determined

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Evaporation Rate	Not determined
Odor	Lemon odor
Appearance	Cloth towels moistened with a clear, light pink liquid.
Viscosity	Not determined
Boiling Point	Not determined
Freezing Point	Not determined

10 STABILITY AND REACTIVITY

Stability	Stable
Incompatibility	Keep product away from excessive heat and open flames.
Polymerization	Will not occur.
Hazardous Decomposition	When heated to decomposition, carbon monoxide and carbon dioxide may be produced.

11 TOXICOLOGICAL INFORMATION

Oral Toxicity	Ingestion is unlikely due to product form. Swallowing large amounts of liquid may cause dizziness, drowsiness and drunkenness.
Eye Irritation	May cause mild irritation, seen as excess redness of the conjunctiva.
Skin Irritation	Prolonged exposure may cause skin irritation or dryness.
Dermal Toxicity	No information available. No adverse effects expected.
Inhalation Toxicity	No adverse effects are expected from normal use. High vapor concentrations may cause mucous membrane irritation, dizziness, drowsiness, nausea and vomiting.
Acute Toxicity Values	Ethyl Alcohol: LD50 Oral Rat: 7,060 mg/kg LC50 Inhalation Rat: 20,000 ppm/10hr
Sensitization	Based on data from the components this product is not expected to cause skin or respiratory sensitization.
Chronic Toxicity	Prolonged or repeated ingestion of ethanol may cause liver damage with fibrosis.

11 TOXICOLOGICAL INFORMATION (continued)

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**Medical Conditions
Aggravated by Exposure**

A knowledge of the available toxicology information and of the physical and chemical properties of the material suggest that overexposure is unlikely to aggravate existing medical conditions.

Carcinogenicity

No evidence of carcinogenicity from available information.

Mutagenicity

No evidence of mutagenicity from available information.

**Reproductive Toxicity
and Teratogenicity**

Repeated ingestion of ethanol by pregnant mothers has been shown to adversely affect the central nervous system of the fetus, resulting in fetal alcohol syndrome. These effects include mental and physical retardation, disturbances of learning, motor and language deficiencies, behavioral disorders and small head size.

12 ECOLOGICAL INFORMATION
**Aquatic/Terrestrial
Toxicity
Environmental Fate**

No data is available at this time.

13 DISPOSAL CONSIDERATIONS
Waste Disposal

Incinerate or landfill in accordance with federal, state and local regulations.

14 TRANSPORT INFORMATION
**U.S. DOT Non-Bulk
Shipping Description**

Excepted from HAZMAT

ID Number None

Hazard Class None

Packing Group None

Label None

Markings None

Placards None

**IMDG Code Shipping
Description**

EXCEPTED FROM REGULATION

Technical Name NONE

ID Number NONE

Hazard Class NONE

Packing Group NONE

Markings NONE

Label NONE

Placards NONE

IMDG PG NONE

15 REGULATORY INFORMATION
SARA Ext. Haz. Subst.

None.

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SARA Section 313 This product contains the following toxic chemicals 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 (SARA 313 - Toxic Chemical Release Reporting): None

CERCLA Hazardous Substances (Section 103)/RQ This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

16 OTHER INFORMATION

NFPA Code Health: 1 Fire: 2 Reactivity: 0

HMIS Code Health: 1 Fire: 2 Reactivity: 0

Precautionary Labels Observe all requirements of plant, company or government regulations. "Empty" containers retain product residue and can be hazardous. Do not re-use empty containers without proper cleaning. Keep out of the reach of children. Do not take internally.

Revision Indicators Supersedes: January 22, 1999 Revised Sections: Sections 1, 16 (New Company Name)

General This MSDS is directed to professional users and bulk handlers of the product or its ingredients. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations and in some instances might differ from the information provided herein.