

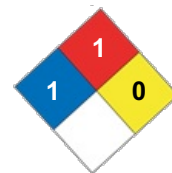
View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

FH/C/2004/TWTG-5ZEQVF

Product Name: **Manual Pot and Pan Detergent**
Manufacturer MSDS.: FH/C/2004/TWTG-5ZEQVF
Manufacturer Name: Procter and Gamble Company
Address: CPG TN6
 2 Procter & Gamble Plaza
 Cincinnati, OH 45202
 Emergency Telephone Number: 1-800-332-7787 or your local Poison Control Center

Product Description: Brands: DAWN Manual Pot and Pan Detergent (Professional Line)

Revision Date: 09/01/04
 Supersedes: 2/01
 MSDS Supersedes: Not Applicable
 Hazard Rating: 1
 4 = EXTREME
 3 = HIGH
 2 = MODERATE
 1 = SLIGHT

NFPA**HMIS**

HEALTH	1
FIRE	1
REACTIVITY	0
PPE	

Product Codes:

[To Top of page](#)

**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENT'S**

FH/C/2004/TWTG-5ZEQVF

Ingredient Name	CAS#	Ingredient Percent
Ethyl alcohol	64-17-5	Composition: 3 - 7%
ACGIH TLV TWA:	1880 mg/m3	
Hazardous Paragraph:	Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.	
EC Index Number:	1	
Common Name:	Ethanol	
	LD50/LC50: 7.1 g/kg (Oral, Rats)	

Ingredients/Chemical Name: Cleaning and sudsing agents (anionic and nonionic surfactants), dispensing aid (ethyl alcohol), water, stabilizing agents, colorant and perfume.

[To Top of page](#)

**SECTION 3 : HAZARDS IDENTIFICATION**

FH/C/2004/TWTG-5ZEQVF

Ethyl alcohol :**Potential Health Effects:**

Eye Contact: Acute: May cause mild, transient irritation.
Skin Contact: Acute: Transient irritation with prolonged exposure to concentrated material.
Ingestion: Acute: Ingestion may cause transient gastrointestinal irritation.
Chronic Eye Contact: May cause mild, transient irritation.
Chronic Skin Contact: Transient irritation with prolonged exposure to concentrated material.
Chronic Ingestion: Ingestion may cause transient gastrointestinal irritation.
Signs/Symptoms: Ingestion: May result in nausea, vomiting, and/or diarrhea.
 Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.
 Skin: Prolonged contact with concentrated material may be drying or transiently irritating to skin.

[To Top of page](#)

**SECTION 4 : FIRST AID MEASURES**

FH/C/2004/TWTG-5ZEQVF

Eye Contact: Flush thoroughly with water for 15 minutes.
Skin Contact: If prolonged contact occurs, rinse thoroughly with water. If spilled on

Ingestion: clothing, change clothes. If symptoms persist or recur, seek medical attention.
Other First Aid: Drink 1 or 2 large glasses of water.
None.

[To Top of page](#)



SECTION 5 : FIRE FIGHTING MEASURES

FH/C/2004/TWTG-5ZEQVF

Flash Point: 105-130 deg F
Flash Point Method: Pensky-Martens (Closed cup)
Upper Flammable or Explosive Limit: Not Applicable
Lower Flammable or Explosive Limit: Not Applicable
Extinguishing Media: CO2, water or dry chemical.
Fire Fighting Instructions: None. Although this product has a flash point below 200 deg F (closed cup), it is a > 50% aqueous solution that does not sustain combustion.
Unusual Fire Hazards: None
Hazardous Decomposition Byproducts: None known
Stability: Stable
Conditions to Avoid: None known
Incompatibility (Materials to Avoid): None known
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None known

[To Top of page](#)



SECTION 6 : ACCIDENTAL RELEASE MEASURES

FH/C/2004/TWTG-5ZEQVF

Personal Precautions: None
Spill Cleanup Measures: Prevent spills from reaching a waterway. Sorbents may be used. Read "Waste Disposal Method" below for further information.
Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL REGULATIONS. When used in retail food establishments at recommended dilutions, dispose as per usual methods. For undiluted product, first check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.
Other Precautions: None known

[To Top of page](#)



SECTION 7 : HANDLING and STORAGE

FH/C/2004/TWTG-5ZEQVF

Handling: Precautions To Be Taken in Handling: No unusual precautions necessary.
Storage: Precautions To Be Taken in Storing: No unusual precautions necessary.
Other Precautions: None known

[To Top of page](#)



SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

FH/C/2004/TWTG-5ZEQVF

Ventilation System: Mechanical (General): Acceptable.
Special: None
Local Exhaust: None required with normal consumer use.
Other Exhaust Information: None
Hand Protection Description: Protective Gloves: None required with normal use.
Protective gloves should be used for prolonged contact with undiluted product.
Eye/Face Protection: None required with normal use.
Respiratory Protection: (Specify Type): None required with normal use.
Other Protective: None required with normal use.

[To Top of page](#)



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

FH/C/2004/TWTG-5ZEQVF

Physical State/Appearance: Floral
Color: Blue, Yellow
Odor: Citrus
pH: (1% solution): ~ 8
Vapor Pressure: (mm Hg): Not Applicable
Vapor Density: (Air=1): Not Applicable
Boiling Point: Deg F: Not known
Freezing Point: ~ 30 deg F
Solubility: In Water: Completely
Specific Gravity: (H2O=1): ca. 1
Density: Scooped Density: Not Applicable
Evaporation Point: (nBuOAc=1): Unknown
Percent Volatile: By Volume (%): ~ 60-65%
Odor Threshold: Not Applicable
Coefficient of Water/Oil Distribution: Not Applicable

Reserve Alkalinity: Not Applicable

[To Top of page](#)



SECTION 10 : STABILITY and REACTIVITY

FH/C/2004/TWTG-5ZEQVF

Chemical Stability: Stable
Conditions to Avoid: None
Incompatibilities with Other Materials: Materials to Avoid: None
Reactivity: Possible Hazardous Reactions/Conditions: None known
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None known
Hazardous Decomposition Products: None known
Other Recommendations: None

[To Top of page](#)



SECTION 11 : TOXICOLOGICAL INFORMATION

FH/C/2004/TWTG-5ZEQVF

Ethyl alcohol :

Acute Health Effects: ED50: Approx 2.3 mL/kg
Liquid hand dishwashing detergents have a relatively low order of toxicity. They may be irritating, but they are not expected to be corrosive. They are expected to be emetic.
Ingestion Effects: LD50: 7.1 g/kg (Oral, Rats)
LD50 (rats oral): Approx 12 mL/kg

[To Top of page](#)



SECTION 12 : ECOLOGICAL INFORMATION

FH/C/2004/TWTG-5ZEQVF

Ecological Paragraph: All surfactants are readily biodegradable. These products are safe for septic tanks.

[To Top of page](#)



SECTION 13 : DISPOSAL CONSIDERATIONS

FH/C/2004/TWTG-5ZEQVF

Waste Disposal: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. Diluted product is safe for disposal down the drain during use.
Recycling is recommended for undiluted scrap product. Do not landfill.

[To Top of page](#)



SECTION 14 : TRANSPORT INFORMATION

FH/C/2004/TWTG-5ZEQVF

DOT Shipping Information: Dawn Manual Pot and Pan Detergent is not DOT regulated in packaging of less than 119 gallons.
DOT Shipping Name: When shipped in bulk, classified as compounds, cleaning liquid
DOT UN Number: NA 1993
DOT Hazard Class: 3

[To Top of page](#)



SECTION 15 : REGULATORY INFORMATION

FH/C/2004/TWTG-5ZEQVF

Ethyl alcohol :

TSCA 8(b): Inventory Status: All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA □5.

OSHA 29 CFR 1200: Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

State: No components of Dawn Manual Pot and Pan Detergent are subject to California Proposition 65 labeling.

Canada WHMIS: All ingredients are CEPA approved for import to Canada by Procter & Gamble Inc. These products have been classified with Hazard Criteria of the Canadian Control Products Regulation and this MSDS contains all information required by the Controlled Products Regulation.

These products fall under Class D, Division 2, Subdivision B: Toxic Materials (Skin or Eye Irritation) and Class B, Division 3 (Combustible Liquid) under the Hazardous Products Act.

[To Top of page](#)



SECTION 16 : ADDITIONAL INFORMATION

FH/C/2004/TWTG-5ZEQVF

HMIS:
Health Hazard: 1
Fire Hazard: 1

Reactivity:	0
NFPA:	
Health:	1
Fire Hazard:	1
Reactivity:	0
MSDS Revision Date:	09/01/04
	Supersedes: 2/01

Disclaimer:

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.

Abbreviations:

- *N/A. - Not Applicable
- *N/K. - Not Known

Hazard Rating: 1
4 = EXTREME
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[To Top of page](#)

