

Page 1 of 4 Procter & Gamble CPG TN 6 2 Procter & Gamble Plaza Cincinnati, OH 45202

PAG 45112 (CT)

MATERIAL SAFETY DATA SHIET

Supersedes: N/A

Issue Date: 2/01 Issue Date: N/A

Ś	ECTION I - CI EMICAL PRODUC	Carles -
[dentit r: Liquid Detergent		
Brand: : Dawn Manual Pot and Pan I	Detergent (Professional Line)	성업 기사가 있는 것 같은 정말했어.
Hazar Rating: 1	Hcalth: 1	4=EX [REME
	F.ammability: 1	3=HICH
	Reactivity:	2= MODERATÉ
		1=SLIGHT
Emergency Telephone Number: 1-800)-332-7787 or call Local Poison Contro	ol Center

SECTION IL COMPOSITION AND INGREDIENTS

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

Hazan louis Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical</u> Name	Common Name	CAS No.	Recommended Limits	Conaposition Range	LD50/LC50
Ethyl alcohol	Ethanol	64-17-5	ACGIH TLV: 1880 mg/m ³	5-1)%	N.A.

Healt 1 Hazards (A)	SECTION III - H2 ZARDS IDENTIFICATION
I agestion:	Ingestion may cause transient gastrointestinal irritation.
Lye Contact:	May cause mild, transient irr tation.
fkin:	Transient irritation with prolonged exposure to concentrated material.
Signs and Symptom	as of Exposure:
Ingestion:	May result in nausea, vomiting and/or diarrhea.
Eye Contact:	May cause stinging, tearing, vomiting, and/or diarrhea.
S kin	Prolonged contact with concentrated material may be drying or transiently irritating to the skin.

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I AWN Manual Pot and Pan Detergent MSDS (Continued)

Page 2 of 4

		SECTION IV - F	ST AID INFORMATIO	S. S. S			
Emergency a	nd First Aid Pi	rocedures:					
I agestion	n: Drink I	or 2 two large glasses	of water.				11
Eye Cor	ntact: Flush th	noroughly with large an	rounts of water for 15 minu	ites			
5 kin:	If prolo clothes	nged contact occurs, rin It symptoms persist or	se thoroughly with water. I recur, seek medical attention	If spilled (on.	n clothing	z, change	
Other:.							
स्टब्स् जिस्		SPANIONAL DUDE	CHERRING SINTORALISME	1000			With Exp
POWER NOW		SECTION V-TIKE				AND	
	Method Used): tens (cc)	105-130°F Pensky-	Explosive Limits:	LEL	N/A	UEL:	N/A
Extin guishin	g Media: CO ₂ ,	water or dry chemical					

Speci il Fire Fighting Procedures: None. Although this product has a flash point below 200°F (closed cup), it is an aqueous solution containing ethyl alcohol, which close not sustain combustion.

Unus tal Fire Hazards: None

Stabi ity

Stable: X

Unstable:

Incompatibility (Materials to Avoid): None known

Haza dous Decomposition/By Products: None known

Haza dous Polymerization: May Occur:

Will Not Occur: X

Conditions to Avoid: None known

Conditions to Avoid: None known

SECTION VI- ACCIDINTAURELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Do not landfill. Small quantities may be disposed of via sewer. Recycling is recommended for undiluted scrap product.

Steps To Be Taken in Case Material is Released or Spilled: Prevent spills from reaching a waterway. Sorbents may be used. Read "Waste Disposal Method" below for further information.

SECTION VILL HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: No unusual precautions necessary

Other Precautions: Non known.

DAWN Manual Pot and Pan Detergent MSDS (Continued)

Page 3 of 4

Vent lation	totection (Specify Type) : None required with normal use. Local Exhaust: None required with normal use.	Special: None
	Dotar Danamore Fronte required with normal use.	Bpe dat. None
	Mechanical (General): Acceptable	Other: None
Eye Protection	: None required with normal use. If splash is likely, goggle	es may be needed.
	ves: None required with normal use. Protective gloves show	
Other Protecti	ve Equipment: Nonc required with normal use.	

Boili 1g Point °F: Not known Vaper Pressure (mm Hg): N/A Vaper Density (Air=1): N/A Odea Threshold: N/A Coef icient of Water/Oil Distribution: N/A Scooled Density: N/A Appearance and Odor: Blue or yellow liquid Product is perfumed. Specific Gravity (H₂O=1): ~. Percent Volatile by Volume (%): ~60-65% Evaporation Rate (nBuOAcc:1): Unknown Freezing Point: ~30°F pH (1% solution): ~8 Solubility in Water: Complet :ly Reserve Alkalinity: N/A

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known

Concitions to Avoid: Nonc

Materials to Avoid: None

Hazardous Decomposition Products: None known

Other Recommendations: None

SECTION XI: TOXICOLOGICAL INFORMATION

LD50 (rats oral): approximately 12 mL/kg

ED50: approximately 2.3 mL/kg

Liqu d 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.

SECTION XII - ECOLOGICAL INFORMATION

All 3 infactants are readily biodegradable. This product is safe for septic tanks.

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SECTION XILL - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Do not landfill. Small quantities, including solutions of di utcd detergents, may be disposed of via sewer or in the trash. Recycling is recommended for undiluted scrap product. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

DO'I Classification: Not DOT regulated in packaging of less than 119 gallons. When a hipped in bulk, classified as compounds, cleaning liquid Class 3 (NA 1993)

SECTIONXV - ADDITION & REGULATORY INFORMATION

All components are listed on the US TSCA Inventory. No components are affected by Significant New Use Rules (SNURs) under TSCA §5.

No components of Dawn are subject to California Proposition 65.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This p oduct has been classified with Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDB contains all information required by the Canadian Products Regulation.

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

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 an / property resulting from misuse of the controlled product.