



MATERIAL SAFETY DATA SHEET

MSDS #: FH/L/2006/EHEE-6SJJFA
Supersedes: FH/L/2006/EHEE-6GWLNR

Issue Date: 8/24/06
Issue Date: 10/11/05

SECTION I - CHEMICAL PRODUCT

Identity: **Hand Dishwashing Foam** **Finished, Packaged Product**

Brands:

DAWN DIRECT FOAM (Line Surge, Fresh Rapids, and Citrus Kick AB Hand Soap)

P&G Telephone Number:

DAWN 1-800-725-3296 (DAWN)

or call Local Poison Control Center or your physician

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients listed on the product label are: biodegradable anionic and nonionic surfactants and solvents. **Contains no phosphate.**

The antibacterial active ingredient in Citrus Kick AB Hand Soap is triclosan, present at 0.10% in the formula. The Drug Facts box on the Citrus Kick consumer product label displays the following inactive ingredients in the product:

Inactive ingredients: water, sodium lauryl sulfate, phenoxyisopropanol, propylene glycol, SD alcohol, sodium laureth sulfate, C12-14-16 dimethyl amine oxide, sodium cumenesulfonate, undeceth-9, sodium chloride, terpineol, cyclohexanediamine, polyacetate, fragrance.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>TLV/LD50/LC50</u>
Ethyl alcohol	Ethanol	64-17-5	5-10%	LD50 (rabbit, oral)= 6300 mg/kg

SECTION III - HAZARDS IDENTIFICATION

Potential Health Hazards (Acute and Chronic): (See Section 11 for more information)

Ingestions: Ingestion may cause transient gastrointestinal irritation.

Eye Contact: May cause mild, transient irritation.

Skin Contact: Transient irritation with prolonged exposure to concentrated material.

Inhalation: N/A

Signs and Symptoms of Exposure:

Ingestion: May result in nausea, vomiting, and/or diarrhea.

Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.

Skin Contact: Prolonged contact with concentrated material may be drying or transiently irritating to skin.

Inhalation: N/A

Potential Environmental Effects: (See Section 12 for more information)

SECTION IV - FIRST AID INFORMATION

First Aid Procedures:

Ingestion: Drink 1 or 2 glasses of water.

Eye Contact: Flush thoroughly with water for 15 minutes.

Skin Contact: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.

Inhalation: N/A

Other: Consumer product package has the following caution statement: "Keep out of reach of children. In case of accidental ingestion, drink a glass of water to dilute. If eye contact occurs, rinse thoroughly with water."

SECTION V - FIRE FIGHTING INFORMATION

Flammable Properties: Although this product has a flashpoint of 106°F/41°C (closed cup), it does not sustain combustion according to ASTM D4206

Extinguishing Media: CO₂, water or dry chemical.

Protection of Firefighters:

Specific Fire Hazards Arising from the Material: None (This product was tested according to ASTM D4206 and does not sustain combustion.)

Protective Equipment and Precautions for Firefighters: No unusual precautions necessary.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: None

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. **RCRA Ignitable product waste.** Solutions of the detergents may be allowed to be flushed down sewer -- First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

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 VII - HANDLING AND STORAGE

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

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines: Ethanol (CAS# 64-17-5) ACGIH-TLV (8-hour): 1000 ppm
 OSHA Z-1 PEL: 1000 ppm (1900 mg/m³)

Personal Protective Equipment (PPE):
Eye/Face Protection: None required with normal consumer use.
Industrial Setting: For splash protection, use chemical goggles. Eye Wash fountain is desirable.
Skin Protection: None required with normal use.
Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.
Respiratory Protection (Specify Type): None required with normal use.
Ventilation Local Exhaust: None required with normal consumer use. *Special:* None
Mechanical (General): Normal/general dilution ventilation is acceptable. *Other:* None
Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: Not known	Specific Gravity (H2O=1)/Density: 1.043 g/cm ³
Vapor Pressure (mm Hg): N/A	Physical State: Liquid
Vapor Density (Air=1): N/A	Melting/Freezing Point: ~ 30 °F (-1.1°C)
Flash Point (Method Used): 106°F (41°C) Pensky-Martens (Closed cup). This product contains less than 24% by volume of alcohol and does not sustain combustion (according to ASTM D4206).	pH (1% solution): 8.4
Solubility in Water: Completely	Reserve Alkalinity: N/A
Partition Coefficient (n-octanol/water): N/A	Explosive Limits: LEL: N/A UEL: N/A
Appearance and Odor: Straw or clear, product is perfumed.	Odor Threshold: N/A

SECTION X - STABILITY AND REACTIVITY

Chemical Stability: Stable

Possible Hazardous Reactions/Conditions: None known

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None known

Other Recommendations: None

SECTION XI - TOXICOLOGICAL INFORMATION

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.

SECTION XII - ECOLOGICAL INFORMATION

All surfactants and solvents used in Dawn Direct Foam are expected to be readily biodegradable. These products are safe for septic tanks.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

Household Disposal: Household product is safe for disposal down the drain with running water. The empty container may be discarded in the trash or recycled (plastic bottle only without pump dispenser) where facilities exist.

Non-household Setting: Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Do not landfill. Disposal should be in accordance with local state and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

Transportation Information – These products are not regulated for transportation.

For finished, packaged product transported by ground (DOT): Not regulated.

For finished, packaged product transported by water/vessel (IMDG): Not regulated

For finished, packaged product transported by air (IATA): Not regulated

SECTION XV - ADDITIONAL REGULATORY INFORMATION

All intentionally-added components are listed on the US TSCA Inventory.

These products are not subject to warning labeling under California Proposition 65.

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

