



# Exult Hi-Foam

## Liquid Car Wash Detergent

### DESCRIPTION

**Exult Hi-Foam** is a concentrated liquid car wash soap designed for use in automatic and self-serve car washes. It is formulated for use under both hard and soft water conditions and **Exult Hi-Foam's** bright pink color makes it easy to see the product working. **Exult Hi-Foam** rinses easily leaving a film-free surface and does not require the use of a chamois. **Exult Hi-Foam** contains built-in brush lubricants, which will extend the life of equipment, reducing repair costs and downtime of the system. Its high foaming action and concentrated formula covers more surface area than conventional liquid cleaners, resulting in less product being used and, ultimately, larger cost savings.

### DIRECTIONS

Once injectors are set at the correct flow, clean vehicles and rinse thoroughly. No chamoising is required except on glass and chrome fixtures.

#### **Automatic lanes - Injection fed:**

Pre-mix **Exult Hi-Foam** 1.7oz per gallon of water (13 ml/litre) (1:75). Set injector to meter approximately 40 oz (1.2 L) of pre-mix per car.

#### **Automatic lanes - Pump fed:**

Pump should be set to meter  $\frac{3}{4}$  - 1 oz (20-30 ml) **Exult Hi-Foam** concentrate per car.

#### **Pressure pump wand wash system:**

Pre-mix **Exult Hi-Foam** 1.7oz per gallon of water (13 ml/litre) (1:75). Set Dema to draw 10-14 oz (280-400 ml) pre-mix solution per running minute.

### PHYSICAL DATA

Appearance	Clear liquid
Color	Bright pink
Odor	Mild
Foam	High
pH	7.0 - 8.5

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **EXULT HI FOAM**

WHMIS CODE: D2B  
 Proper Shipping Name: N/A  
 Hazard Class: N/A  
 UN Number: N/A

Product Use: *Liquid car wash.*

HMIS	
1	Health
0	Flammability
0	Reactivity
B	Personal

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 1607 Derwent Way  
 Delta, BC V3M 6K8, Canada  
 Phone: (604) 526-5655

**EMERGENCY PHONE**  
 Canada: Canutec 613-996-6666  
 U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves  
 C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>SODIUM HYDROXIDE</b>	1310-73-2	1.0-5.0	2 mg/m3	2 mg/m3
LD50	340 mg/kg			
LD50	1350 mg/kg			
LC50	N/D			
<b>SODIUM ALKYL BENZENESULPHONATE</b>	25155-30-0	10.0-15.0	NONE	NONE
LD50 (oral rat)	1260 mg/kg			
LD50 (dermal)	Not Available			
LC50	Not Available			

## SECTION 3 – PHYSICAL DATA

<b>Color and Odor:</b> Pinkish red, mild odor.	<b>Boiling Point:</b> N/D	<b>Vapor Pressure (mm HG):</b> N/D	<b>pH:</b> 7.0 – 8.5
<b>Physical State:</b> Liquid.	<b>Melting Point:</b> N/A	<b>Vapor Density:</b> N/D	<b>Specific Gravity:</b> 1.027 @ 20°C
<b>Coeff. Water/Oil Dist:</b> Greater than 1.0	<b>Evaporation Rate:</b> N/D	<b>Solubility in Water:</b> Soluble	<b>Odor Threshold:</b> No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)      **Sensitivity to Mechanical Impact:** None.      **Extinguishing Media:** Not flammable.  
**Flammable Limits:** None known.      **Sensitivity to Static Discharge:** None.      **Auto ignition Temperature:** None known.  
**Conditions of Flammability:** None.  
**Unusual Fire and Explosion Hazards:** None known.  
**Hazardous Combustion Products:** Decomposition may produce oxides of carbon, and phosphorus upon thermal decomposition and other unidentifiable organic compounds.  
**Special Fire Fighting:** Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.  
**Hazardous Polymerization:** Will not Occur.  
**Incompatibility (material to avoid):** Strong oxidizers and acids.  
**Hazardous Decomposition Products:** Decomposition may produce oxides of carbon, and phosphorus upon thermal decomposition and other unidentifiable organic compounds.

## SECTION 6 – TOXICOLOGICAL DATA

<b>Exposure Limits:</b> See Section 2 under Hazardous Ingredient.	<b>Routes of Entry:</b> Skin, eyes, inhalation.
<b>Irritancy of Product:</b> Irritating to eyes.	<b>Carcinogenicity:</b> None known.
<b>Sensitization:</b> None known.	<b>Mutagenicity:</b> None known.
<b>Name of Toxicological Synergistic Product:</b> None known.	<b>Reproductive Toxicity:</b> None known.
<b>Teratogenicity:</b> None known.	
<b>Effects of Chronic Exposure:</b> None known.	
<b>Effects of Acute Exposure to Product:</b> Product exposure may irritate eyes. Prolonged or repeated exposure to skin may cause dryness. Inhaling mists is unlikely because of product use. Ingestion may cause gastrointestinal and abdominal discomfort.	

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Not required for normal use of product.  
**Ventilation:** Use with normal ventilation.  
**Protective Gloves:** Not required for normal use of product. Wear natural or butyl rubber, nitrile or neoprene gloves for spill clean up  
**Eye Protection:** Normally not required. However, wearing of safety goggles or glasses are recommended if there is a risk of product splashing into eyes during usage.  
**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.  
**Waste Disposal Method:** Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.  
**Special Shipping Information:** Store at temperatures below 30°C (86°F) and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division      PHONE: 604-526-5655      LAST UPDATE: Dec. 11, 2014  
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE