

## MATERIAL SAFETY DATA SHEET

Date Prepared: 5-22-97 By Charles D. Werner

**SECTION 1 - PRODUCT IDENTIFICATION**

Distributor Name: Fortech Products by Formula Corporation	Emergency Phone No: 1-800-228-5635 ext. 059
Address: 7901 Second Ave. South, Seattle, WA 98108	
Trade Name: CITRA BONNET	Product Type: Carpet Bonnet Shampoo
Formula Code: FFLCOBFXO-CT-CBON	Formula:

**SECTION 2 - HAZARDOUS INGREDIENTS**

Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
d-Limonene	5989-27-5	10	none
Aliphatic hydrocarbon solvent	64742-48-9	25	100 (ACGIH)

No toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present

This product may contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

**SECTION 3 - PHYSICAL DATA**

Boiling Point: (F) greater than 212F	Specific Gravity: (H <sub>2</sub> O = 1.0) 0.9	pH: 7.0 - 9.0
Vapor Pressure: (mm/Hg) Not Determined	Vapor Density: Heavier than air	
Solubility In Water: Emulsifiable		
Evaporation Rate (Vs ether) Slower		
Appearance and Odor: Liquid, non-viscous, milky white color and pleasant orange fragrance		

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (T.C.C.): greater than 140 F Flammable Limits unknown Upper: unknown
Extinguishing Media: Foam, Alcohol Foam, CO <sub>2</sub> , dry chemical, water Fog
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use Water spray to cool nearby containers and structures exposed to fire.
Unusual Fire and Explosion Hazards: Extinguish all nearby sources of ignition because vapors may be moved by air currents.

**SECTION 5 - REACTIVE DATA**

Stability: Stable	Incompatibility: Strong oxidizers
Hazardous Decomposition Products: May liberate carbon dioxide and carbon monoxide and unknown organic compounds.	

**SECTION 6 - HEALTH HAZARDS**

Threshold Limit Value - Product (See Section 2 for Ingredient TLV)	None Established
Primary Routes of Exposure: Eye - yes Skin-Not Established Oral-yes Inhalation-yes Other	
Signs and Symptoms of Over-exposure (Acute): EYES: Vapors and mists may irritate the nose and throat. Inhalation of higher concentration may cause headaches. SKIN: Prolonged contact with concentrate may irritate the skin, but this irritation is reversible.	
Signs and Symptoms of Over-exposure (Chronic): No specific information available.	
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible.	
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO NONE	

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes.
Ingestion: INDUCE VOMITING by drinking 2 glasses of water and sticking finger down throat. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing the vomitus into lungs. Call a physician or poison control center immediately. Treat symptomatically. Never give anything to an unconscious or convulsing person.
Inhalation: Get to fresh air.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection: not normally required	Ventilation Requirements: Adequate ventilation required. Mechanical required if necessary to maintain exposure below PEL.
Protective Gloves: Wear resistant gloves if excessive exposure is anticipated.	Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.
Other Protective Clothing: Where gross eye and skin contact may occur use and wear appropriate protective clothing, including resistant clothing, rubber boots with pants on the outside, and rubber gloves.	

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled: EXTINGUISH ALL IGNITION SOURCES. For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain. Keep material out of storms drains, surface waters, & soils.
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage: KEEP AWAY FROM HEAT, SPARKS AND FLAMES. Store in a cool dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Do not use pressure to empty container.
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