



Chemical Name: Head Cleaner HC

Manufacturer: Tascam

Container Size: 3 oz.

Location: VLA

Disposal: Place empty container in trash. Give partial or full container to safety officer.

Material Safety Data Sheet

Revision: 2/21/96

Manufacturer's Name and Address: Shield Packaging Of California Inc.
5165 'G' Street
Chino, CA 91710

Information Telephone No. 909-628-4707

Emergency Telephone No. 909-628-4707

Section 1 - Product Identification

Product Number: MC-993B

Product Name: TEAC Head Cleaner

Product Class: Cleaner

HC, HC2-----
Section 2 - Hazardous Ingredients

Ingredient	%	Occupational Exposure Limits		Vapor Pressure @ 20°C, mm Hg
		TLV	PEL	
1,1 Dichlorofluoroethane (CAS-1717-00-6)	65-70	None	None	10.02 psia @ 70°F
Methyl Alcohol (CAS-67-56-1)	>1.5	200ppm	200ppm	96.0
Ethyl Alcohol (CAS-64-17-5)	>25.0	1000ppm	1000ppm	44.6
Isopropyl Alcohol (CAS-67-63-0)	>5.0	400ppm	500ppm	33.0

N/E= not established for this material

**= Components marked with a double asterisk are present above the De minimus cut off level and subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Section 3 - Physical Data

Boiling Range (Concentrate): Not Available

Evaporation Rate (Concentrate): (n-Butyl Acetate=1) Greater than 1

Vapor Density (Concentrate): Heavier than air

Weight Per Gallon (Concentrate): 9.04 #/gal

pH (Concentrate): NA

Section 4 - Fire And Explosion Hazard Data

Flammability Classification: Flammable

Flash Point (Conc.): <35oF

Extinguishing Media: Water Fog, "Alcohol" Foam, Dry Chemical or CO2

Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires must be cooled with water to prevent vapor pressure build up. Dichlorofluoroethane will decompose at temperatures above 250oC. Decomposition products include Hydrochloric Acid, Hydrofluoric Acid, Carbonyl Halides such as Phosgene. Contact with certain finely divided metals may cause exothermic reaction and/or explosive combinations.

Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for fire fighters. Water may be used on containers exposed to intense heat from fires to prevent vapor pressure build-up. Keep containers cooled with water and remove them from danger as soon as possible.

Section 5 - Health Hazard Data

Effects of Overexposure

Eyes: May cause mild to severe eye irritation. May cause conjunctivitis.

Skin: May be irritating to skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result skin irritation and dermatitis.

Skin Absorption: None to slight.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness, and even asphyxiation.

Section 5 Cont. - Health Hazard Data

Ingestion: Product contains small amount of Methanol which can cause blindness and death. Can cause nausea, vomiting and visual disturbances ranging from blurred vision to light sensitivity.

Chronic Effects: None known at this time.

Primary Routes of Entry: Inhalation, Dermal

Emergency and First Aid Procedures

Eyes: Flush with plenty of water for 15 minutes lifting eyelids to facilitate irrigation. If irritation persists, get medical attention.

Skin: Thoroughly wash the exposed area. If any irritation persists, get medical attention.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention.

Ingestion: DO NOT induce vomiting. Get medical attention IMMEDIATELY.

Section 6 - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, and other unidentified organic compounds may be formed during combustion.

Conditions to Avoid: High Temperatures/above 120 Deg F, Open Flames, Sparks.

Materials to Avoid: Strong oxidizing and reducing agents, strong acids and bases.

Section 7 - Spill or Leak Procedures

Steps to be Taken

Keep sources of ignition and hot metal surfaces isolated from the spill. Small leaks can be mopped or wiped up immediately. Remove materials to out-of-doors. Large leaks should be handled as follows: Evacuate area. Contain liquid; transfer to closed containers. Keep out of water supplies.

Waste Disposal

Dispose in accordance with local, state and federal regulations. Disposal should be carried out under EPA State and Federal laws.

Section 8 - Safe Handling and Use Information

Respiratory Protection: If used with adequate ventilation, no protective equipment is necessary. In enclosed spaces if exposure limits are exceeded use a NIOSH approved cartridge respirator.

Ventilation: A well ventilated room will adequate air circulation.

Protective Equipment: Chemical goggles if likelihood of eye contact. Wear chemical-resistant gloves and other clothing as required to minimize prolonged or repeated contact with skin.

Hygienic Practices: Wash well with soap and water, after use of product.

Section 9 - Special Precautions

Product is flammable. Keep product and vapor away from heat, sparks and flame. Keep containers cool in temperatures. Surfaces that are sufficiently hot may ignite in the absence of spark or flame. Extinguish pilot lights, cigarettes or other sources of ignition. Use with adequate ventilation. Keep containers dry, closed and upright when not in use. Maintain good personal hygiene and housekeeping. KEEP OUT OF REACH OF CHILDREN.

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