

GC Electronics
1801 Morgan Street
Rockford, IL 61102
Phone: (815) 968-9661
Fax: (815) 968-9731
www.gcelectronics.com

Product Name: Wet Audio/ Video Head Cleaner

MSDS Number: 270
Revision Date: 1/19/05
Supersedes Date: 4/18/01

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Head Cleaner**
Product Name: **Wet Audio/Video Head Cleaner**
Part Number(s): **64-353**
30-622
32-3186

Emergency Contact: **Chemtrec**
Phone (24 hours): **(800) 424-9300**

Section 1 - Identification of Product

HMIS Rating		Least	1
Health	2	Slight	2
Fire	4	Moderate	3
Reactivity	2	High	4
Contact	2	Extreme	5

Section 2 - Hazardous Ingredients

Ingredient	CAS#	%	Volume of Each Bottle
Isopropyl Alcohol	67-63-0	80%	10ml. (PC8005-8006)
Distilled Water		20%	18ml. (PC-7003-7808)

Section 3 - Physical Data

Boiling Point: 82.3° C
Specific Gravity: 0.786
Solubility in Water: Complete
Melting Point: -89° C
Vapor Density (Air = 1) 2.1
pH: Neutral
% Volatile: 96%
% Solids: 0%
Vapor Pressure: 33mm Hg
Evaporation Rate: (Butyl Acetate = 1) 2.83
Appearance and Odor: Colorless liquid with slight odor of rubbing alcohol

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Section 4 - Fire & Explosion Hazard Data

Flash Point: 25° C (Closed Cup)
Flammable Limits: Lower 2% Upper 12%
Extinguishing Media: Use alcohol foam, dry chemical or carbon dioxide (Water may be ineffective)

Special Fire Fighting Procedures: Addition of excess water will extract isopropyl alcohol and any form of flammable, supernatant layer. Self contained breathing apparatus (SCBA) may be required if drums rupture and contents are spilled under fire conditions.

Unusual Fire and Explosion Hazards: Vapors may flow along surfaces to distant ignition sources and flash back. Closed containers exposed to heat may explode. Contact with strong oxidizers may cause fire.

Section 5 - Health Hazard Data

Effects of Overexposure:
Inhalation: Vapor is heavier than air and causes suffocation by reducing oxygen available for breathing. Breathing high concentrations of these products can cause light headache, giddiness, shortness of breath, irritation of the upper respiratory passages, and may lead to narcosis, cardiac irregularities, unconsciousness or death.

Eye: Isopropyl is an eye irritant.
Skin: Not a corrosive or irritant after single contact; however, repeated liquid contact can cause defacing of the skin resulting in irritation. This material is poorly absorbed through the skin.

Ingestion: Although oral toxicity is low, ingestion of the liquid is to be avoided.

Emergency First Aid Procedures:
Inhalation: Remove to fresh air. Call physician. If no breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Do not give epinephrine or similar drugs.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin: Flush with water. Get medical attention if irritation is persistent.

Ingestion: No specific intervention is indicated, as the material is not likely to be hazardous by ingestion. Do not induce vomiting, as the hazard of aspirating the material into the lungs is a greater hazard than allowing it to progress through the intestinal tract.

Section 6 - Reactivity Data

Stability: Material is stable. However, avoid open flames and high temperatures.

Incompatibility (Materials to Avoid): Alkali or alkaline earth metals-powdered AL, ZN, BE, etc. The components of these blends can decompose by high temperatures (open flames, glowing metal surface, etc.) forming hydrochloric and hydrofluoric acids and possible carbonyl halides.

Hazardous Polymerization: Will not occur.

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Conditions to Avoid: Keep out of the reach of children. Avoid inhaling, ingesting, and getting close to eyes and skin. Avoid heat, flame, and other sources of ignition.

Section 7 - Spill or Leak Procedures

Steps to be Taken In Case Material is Released or Spilled: Keep away from fire, skin, eyes and prevent inhaling and ingesting. Use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush area with water.

Waste Disposal Methods: Dispose in accordance with applicable federal, state, and local environmental regulations.

Employee Production: Educate employee with right knowledge of prevention and emergency and first aid course training.

Section 8 - Special Protection Information

Protective Equipment:
Ventilation: No special ventilation is required for normal use.
Respiration Protection: Respiration is normally not required for normal use.
Eye/Skin Protection: Glasses, gloves and suitable protective clothes are recommended to avoid direct skin/eye contact.

Section 9 – Special Precautions

Storage and Handling Precautions: Keep container tightly closed. Store in a cool, dry, well-ventilated, flammable liquid storage area. Avoid direct skin/eye contact.

Section 10 - Regulatory Information

US/Canada (DOT/TDG):	Proper Shipping Name:	Wet Audio/Video Head Cleaner Consumer Commodity
Hazard Class:	N/A	
UN/NA:	N/A	
Labels:	N/A	
International (ATA):	Proper Shipping Name	Wet Audio/Video Head Cleaner Limited Qty For Household Use
Hazard Class:	N/A	
UN/NA:	N/A	
Labels:	N/A	
International (MDG):	Proper Shipping Name:	Wet Audio/Video Head Cleaner Limited Qty For Household Use
Hazard Class:	N/A	
UN/NA:	N/A	
Labels:	N/A	

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