

Material Safety Data Sheet

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Section 1: Product Identification

MSDS Code: 407C - liquid **Name: Audio / Video Head Cleaner**

Related Part Numbers: 407C-250ML; 407C-1L

Use: Cleaning magnetic tape heads.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
75-83-2	2,2 dimethylbutane	3 - 6	500ppm	500ppm	N/e
96-14-0	3-methyl pentane	5 - 10	500ppm	500ppm	N/e
79-29-8	2,3 dim ethyl butane	4 - 8	500ppm	500ppm	N/e
67-63-0	2-propanol	35 - 50	400ppm	400ppm	500ppm
107-83-5	2 - methyl pentane	15 - 22	500ppm	500ppm	N/e
110-54-3	n-hexane	1 - 2	50ppm	50ppm	N/e

Section 3: Hazards Identification

WHMIS Codes: B2, D2B

NFPA Ratings: Health 1 Flammability 3 Reactivity 0

HMIS Ratings: Health 1 Flammability 4 Reactivity 0

Eyes: May cause eye irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury.

Skin: May cause skin irritation with pain and stinging, especially if skin is abraded.

Inhalation: May cause respiratory tract irritation. Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, and unconsciousness.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting, and diarrhea. May cause central nervous system depression.

Chronic: Long-term intensive exposure may cause liver or kidney damage.

Section 4: First Aid Measure

Eyes: Remove contact lenses. Flush with water or saline for 20 minutes. Get medical aid.

Skin: Wash skin with large quantities of soap and water. Get medical aid if symptoms persist.

Inhalation: Immediately remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Ingestion: Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure)	Prolonged skin contact may cause dermatitis. May cause allergic reaction in some individuals.				
Carcinogenicity: (risk of cancer)	No				
Teratogenicity: (risk of malformation in an unborn fetus)	No				
Reproductive Toxicity: (risk of sterility)	No				
Mutagenicity: (risk of heritable genetic effects)	No				
Lethal Exposure Concentrations:	Ingestion (LD50):	28g/kg (rat)	Inhalation (LC50):	>3125ppm/4H (rat)	Skin (LD50): N/e

Section 12: Ecological Information

General Information: Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

Environmental Impact Data: (percentage by weight)

CFC: 0 **HFC:** 0 **Cl.Solv:** 0 **VOC:** 100 **HCFC:** 0 **ODP:** 0

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground: (all sizes 1 liter or less)

Consumer Commodity, ORM-D

Ground: (all sizes larger than 1 liter)

Shipping name: Flammable Liquid, N.O.S. (ISOPROPANOL), UN# 1993, Class 3, and Packing Group II. Shipper must be trained and certified.

Air:

Shipping name: Flammable Liquid, N.O.S. (ISOPROPANOL), UN# 1993, Class 3, and Packing Group II. Shipper must be trained and certified. Refer to IATA regulations.

Sea:

Shipping name: Flammable Liquid, N.O.S. (ISOPROPANOL), UN# 1993, Class 3, and Packing Group II. Refer to IMDG regulations.

Section 15: Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

Section 15: Regulatory Information Cont.

CAA (Clean Air Act, USA)

This product does not contain any class 1-ozone depletors.

This product does not contain any class 2-ozone depletors.

This product does not contain any chemicals listed as hazardous air pollutants.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

Health Canada

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

Environment Canada

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

Industry and Science Canada

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

RoHS (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

Section 16: Other Information

Definitions: N/a = not applicable, n/e = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.