

HEAD CLEANERS



VCR/Magnetic Head Cleaner

VCR/Magnetic Head Cleaner removes dust, dirt and oxide from record and playback heads on VCR's, cassette decks and computer drives. Evaporates quickly and leaves no residue.

Environmental Data
CFC: 0%, HCFC: 0%, Cl. Solv.: 0%,
ODP: .0, VOC 100%

Part No. 19-5302	2 fl. oz. Non-Aerosol
	Replaces Part No. 10-5302
Part No. 19-5302-G	1 gal.
Part No. 19-5304	4 oz. Aerosol



Travel Dispenser

Designed for easy one-handed delivery of a wide variety of liquids onto a cloth, cleaning pad, cotton ball or other wipe-on applicators. Can conveniently apply polishes, removers or other liquid products onto the applicator eliminating direct hand contact, spillage, fumes and waste while protecting product quality. The locking top makes this product excellent for use in the technicians tool box. This dispenser is available empty or prefilled with two of your favorite GC Chemicals; Head Cleaner or Isopropyl Alcohol.

Part No. 19-770	4 fl. oz. Isopropyl Alcohol
Part No. 19-773	4 fl. oz. VCR/Magnetic Head Cleaner
Part No. 19-774	4 fl. oz. Dispenser only

LUBRICANTS



White Lithium Grease

White, lithium soap base grease lubricant that provides superior lubrication and reduces friction and wear to a minimum. Suitable for use on wiping contacts. It retains consistency over a wide range of temperatures, will not oxidize or harden and provides outstanding protection against corrosion.

Part No. 19-2302	1 3/4 fl. oz. Tube
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Tunerlub

Special lubricant for high frequency contact applications such as television tuners. Purified without traces of metals or metal oxides. Gives lasting protection against oxidation and corrosion. Especially important for use on equipment operated in corrosive atmospheres such as seashores or in industrial areas.

Part No. 10-2610	1 3/4 fl. oz. Tube
N.S.N. 9150-01-054-0546	



Anti-Oxidant Grease

A lithium soap base grease with zinc and graphite fillers. Use for wire connectors and aluminum conduit joints. Penetrates aluminum oxide to maintain inter-strand and inter-conductor current paths. Guards against oxidation, improves conductivity and produces a cooler connection.

Part No. 19-826	1 oz.
	Replaces Part No. 19-820



Lubrex

Superior calcium stearate base grease compound for general use in industry, the shop or at home. Provides excellent lubrication for bearings, appliances, hand tools, bicycles and other sporting equipment including fishing reels and guns; also for business machines, instruments and automotive lubrication. Excellent dielectric properties.

Part No. 10-1206	2 fl. oz. Tube
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Phonolube

Light bodied grease made of polymerized oil, specially developed for the lubrication of small geared mechanisms such as phonographs, record changers, TV channel and record mechanisms, etc. Retains its viscosity over a wide range of temperatures. Highly resistant to oxidation. Will retain its excellent lubricating qualities for years.

Part No. 10-1223	2 fl. oz. Tube
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Pocket Oiler

Synthetic Multi-Purpose oil in a leakproof see-through plastic barrel container with pocket clip attached. Accurately dispenses one drop at a time. For use on electronic and electrical devices, clocks, office machines and sporting goods. Not refillable.

Part No. 10-8883	0.135 fl. oz.
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MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Denatured Ethanol
 Product Name: **Magnetic Head Cleaner**
 Part Number(s): **19-0773**
 19-5302
 19-5302-16
 19-5302-G

Section 1 – Product Information

		Least	0
		Slight	1
		Moderate	2
		High	3
		Extreme	4
HMIS Rating			
Acute Health:	1		
Fire:	3		
Reactivity:	0		

Section 2 – Hazardous Ingredients

Chemical Name	CAS #	Vapor Pressure (mm/mg)	T.L.V.	Units
Hazardous Ingredients		Percent	PEL	Units
Ethyl Alcohol, Pure 200 Proof (Ethanol)	64-17-5	43.9 >.9%	1000 1000	ppm ppm
Isopropanol 99% (2-Propanol)	67-63-0	33.0 <.9%	400 400	ppm ppm
*Methanol (Methyl Alcohol)	67-56-1	96.0 <.9%	200 200	ppm ppm
Water (Water)	7732-18-5	.0 <.9%	N.E. N.E.	

*Appears in Section 313 of the toxic chemical list of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and of 40 CFR 372.

Section 3 – Physical Data

Boiling Range: 148°F - 180°F
 Vapor Density(Air = 1): Heavier than air
 Solubility(Weight /gal): 6.790 lbs./gal
 Volume % Volatile: 100
 Evaporation Rate (Butyl Acetate=1): Slower than ether
 Appearance and Odor: Clear liquid with a characteristic odor

Section 4 – Fire and Explosion Hazard Data

Flash Point:	>53°F Method Used = TCC
Flammable Limits in Air (% by Vol.):	LEL: >2.0 UEL: N/A
Extinguishing Media:	Carbon dioxide, dry chemical or foam; water spray; universal type foam.
Special Fire Fighting Procedures:	Use self-contained breathing apparatus. Wear full protective clothing. Use water spray to cool fire-exposed containers and structures.
Unusual Fire and Explosion Hazards:	Vapors form from this product and may settle in low places, travel along the ground, or move by air currents to be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from handling point. Product contains alcohol, therefore flame might be difficult to see because they are virtually colorless. Can react vigorously with strong oxidizing agents.

Section 5 – Health Hazard Data

Permissible Exposure Limits (TLV):	For the lowest component 100 ppm
Effect of Overexposure:	
Ingestion:	Nausea. Vomiting. Diarrhea. Drowsiness. Headache. Dizziness. Cramps. Incoordination. Loss of consciousness. Difficulty with speech. Central nervous system depression. Death. Blindness.
Skin Absorption:	Possible systemic effects.
Inhalation:	Headache. Narcosis. Dizziness. Nausea. Drowsiness. Loss of coordination. Visual impairment. Irritation. Respiratory failure.
Skin Contact:	Irritation. Chapping. Cracking. Dermatitis. Erythema. Scaling.
Eye Contact:	Irritation. Corneal injury.
Chronic Effects of Overexposure:	Toxic effects of methanol are accumulative and affect the nervous system, especially the optic nerve. These symptoms may linger for several days after overexposures.
Other Health Hazards:	None currently known.
Primary Route(s) of Entry:	Ingestion. Skin absorption. Inhalation. Eye contact.
Emergency and First Aid Procedures:	
Ingestion:	If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician. Give plenty of water or, if available, milk to drink.
Skin:	Flush skin with water. Remove and wash contaminated clothing promptly. Call a physician.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician
Eyes:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Notes to Physician:	There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.