

Technical Data

VIDEO 40 TAPE HEAD AND DISC DRIVE CLEANER

VIDEO 40 is a tape head and disc drive cleaner, containing Propan-2ol (IPA), for quick and efficient cleaning.

APPLICATIONS

Ideal for removing dirt, dust and tape oxides from audio and video recording heads, thereby improving frequency response, reducing wear and minimising noise. Also suitable for use on computer disc drives and for removing moisture from electronic components, switches and PCB's.

Spray onto the part to be cleaned and wipe away with a lint-free cloth or chamois leather. Alternatively, spray onto the cloth or leather and wipe components clean. Evaporation can be accelerated by the application of gentle heat such as warm air.

N.B Not for use on live equipment.

TECHNICAL DATA

Appearance	:	Clear, colourless liquid
Odour	:	Alcohol (Propan-2-ol)
SG @ 25°C	:	0.78
Pressure @ 25°C	:	4 Bar
Discharge Rate	:	1.2 g/sec
Solubility	:	Miscible with water to form an azeotrope, which evaporates more quickly than water or quick and efficient removal of moisture. Soluble in some solvents
Compatibility	:	Safe to use on plastics and rubber
Flammability	:	Classified as extremely flammable under CHIP Regulations
Flashpoint	:	Not applicable in sealed aerosol
Packaging	:	75ml aerosol

STORAGE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 12 months with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

Health and Safety sheet available separately.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

The information given in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which affect the use and performance of our products and for which reason no warranty is given, express or implied. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : SERVISOL VIDEO 40-2 **Creationdate :** 15.02.08
Ref.Nr.: UK20048-3-150208 **Replaces:** 06.04.07

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : SERVISOL VIDEO 40-2
 Aerosol

Application : Cleaners - Precision

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2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
 Irritating to skin.
 Vapours may cause drowsiness and dizziness.

Environment : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
Naphtha (petroleum), hydrotreated light (benzene<0.1%)	64742-49-0	265-151-9	30-60	F,Xn,N	11-38-51/53-65-67	B,P
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	30-60	F+	12	K
Explanation notes						
B : substance with national established workplace exposure limit						
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						
P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)						

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice :	The usual precautions for handling chemicals should be observed If any symptoms should occur, seek medical advice.
Contact with eyes :	If substance has got into eyes, immediately wash out with plenty of water
Contact with skin :	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
Inhalation :	Fresh air, keep warm and at rest.
Ingestion :	Ingestion is unlikely to occur If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant):	not available
Explosion limits : upper limit :	not available
lower limit :	not available
Extinguishing media :	foam, carbon dioxide or dry agent
Fire-fighting procedures :	Keep container(s) exposed to fire cool, by spraying with water
Unusual exposure hazard :	Aerosols may explode if heated above 50°C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :	Shut off all ignition sources Ensure adequate ventilation
Environmental precautions :	Do not allow to enter public sewers and

watercourses

If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

Cleaning methods :

Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures :

Use only in well ventilated areas
Do not pierce or burn aerosols, even after use.
Do not spray on a naked flame or incandescent material.
Do not breathe aerosols or vapours.
Avoid contact with skin and eyes.

Storage procedures :

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep in a cool, dry, well ventilated place
Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures :

Ensure adequate ventilation
Keep away from heat and sources of ignition

Personal protection :

It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
Use only in well ventilated areas

inhalation :

In case of insufficient ventilation, wear suitable respiratory equipment.

hands and skin :

Wear suitable protective gloves

eyes :

Wear safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state :

propane/butane propelled liquid

colour :

colourless

odour :

Characteristic odour

Boiling point/range :

not available

Relative density :

0.665 g/cm³ (@ 15°C)

pH :

not available

Vapour pressure :

not available

Relative vapour density :

not available

Solubility in water :

Insoluble in water

Flash point :

not available

Auto-ignition :

not available

Viscosity :

not available

Evaporation rate :

not available

10. STABILITY AND REACTIVITY

Conditions to be avoided :

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep away from heat and sources of ignition
No hazardous reactions known if used for its

intended purpose

Materials to be avoided : Strong oxidising agent**Hazardous decomposition compounds :** carbon oxides

11. TOXICOLOGICAL INFORMATION

Inhalation : Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Ingestion : Ingestion is unlikely to occur
After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

Skin contact : Irritating to skin

Eye contact : Irritating to eyes

Other information: No experimental data available

12. ECOLOGICAL INFORMATION

Other adverse effects : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

No experimental data available

13. WASTE DISPOSAL

National regulations : Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number : 1950

Road/Rail - ADR/RID : UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1

Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1

EmS F-D,S-U

Air - IATA/ICAO : UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG

Packing instr. LQ Y203

PAX 203

CAO 203

15. REGULATORY INFORMATION

Warning symbol(s) : F+,Xi,N

Risk-phrase(s) : R12: Extremely flammable.
R38: Irritating to skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

Safety-phrase(s) :

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe spray.

S24: Avoid contact with skin.

S51: Use only in well-ventilated areas.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Regulation (EC) No 648/2004 on detergents: aliphatic hydrocarbons > 30 %

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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***Explanation risk-phrases:**

R11: Highly flammable.

R12: Extremely flammable.

R38: Irritating to skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R67: Vapours may cause drowsiness and dizziness.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.