

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.

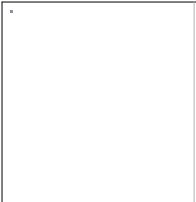

HEALTH AND SAFETY

Health and Safety sheet available separately.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : SERVISOL VIDEO 40 **Creationdate :** 15.02.08
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1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : SERVISOL VIDEO 40
 Aerosol

Application : Cleaners - Precision

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2. HAZARD IDENTIFICATION

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

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 |
|--------------------------------|---------|-----------|--------|--------|------------|-------|
| propan-2-ol; isopropyl alcohol | 67-63-0 | 200-661-7 | 60-100 | F,Xi | 11-36-67 | |

| Hazardous ingredient | CAS-nr | EINECS | w/w % | symbol | R-phrases* | Notes |
|---|------------|-----------|-------|--------|------------|-------|
| isopropanol | | | | | | |
| Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%) | 68512-91-4 | 270-990-9 | 10-30 | F+ | 12 | K |
| Explanation notes | | | | | | |
| K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8) | | | | | | |

(* 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 Seek medical advice |
| Contact with skin : | Wash with water and soap. Seek medical attention if irritation persists |
| 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): | 12 °C (Open Cup) |
| 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 |
| 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 : | alcohol |
| Boiling point/range : | not available |
| Relative density : | 0.805 g/cm ³ (@ 20°C) |
| pH : | not available |
| Vapour pressure : | not available |
| Relative vapour density : | not available |
| Solubility in water : | Miscible with water |
| Flash point : | 12 °C (Open Cup) |
| 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 : | Prolonged skin contact will result in defatting of the skin |

| | |
|---------------------------|--------------------------------|
| Eye contact : | Irritating to eyes |
| Other information: | No experimental data available |

12. ECOLOGICAL INFORMATION

| | |
|--------------------------------|--|
| Other adverse effects : | Do not allow to enter public sewers and watercourses |
| | 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 |
| Risk-phrase(s) : | R12: Extremely flammable. R36: Irritating to eyes. 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. S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 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 15 - 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.

R36: Irritating to eyes.

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.