



CONTACLEAN back

Powerful Contact Cleaner dissolving Oxide and Sulphide Layers.

CONTACLEAN efficiently removes oxide and sulphide layers from metallic contact surfaces of any kind.

Simultaneously, special inhibitors ensure long-lasting lubrication and corrosion protection.

Reduces contact resistance that leads to failures.

Eliminates voltage drops.

Durable preservation of the perfect operational reliability of all electromechanical contacts.

Application:

CONTACLEAN has been a well-proven agent in radio and television engineering as well as in laboratory and after-sales service for a long time.

Use on:

switches of all types

sliding contacts of variable capacitors

contact banks and relays

For the cleaning and maintenance of metallic surfaces in electrical engineering.

CONTACLEAN is used in:

measurement technique and control engineering

telecommunication

data processing

aerospace and military

Particularly suitably for electric and electronic motorcar equipment, too.

Technical Data:

Colour: red

Odour: characteristic

Density: 0.73 g / cm³

Reduction of
contact

resistance:

< 2 mohm

Heat resistance: up to + 80° C

Art.-No.: 101

100 ml

200 ml

400 ml

CLEANER back

Universal Cleaner for Electronic Equipment.

The action of CRAMOLIN CLEANER is based on an accurately balanced mixture of high-quality, powerful solvents.

The wetting ability and low surface tension enables CLEANER to quickly penetrate surface pores, removing oil, grease, dirt and other contaminants.

CLEANER evaporates quickly without leaving any residue.

CLEANER is of universal use wherever high-reliable cleaning is required.

Application:

Gentle, but effective cleaning of:

electromechanic contacts

relays

components

equipment, etc.

Particularly suitable for precision instruments and delicate electronic components.

Good substitute for, or complement to, ultrasonic cleaning and vapour degreasing.

Technical Data:

Colour: colourless

Odour: that of alcohol

Density: 0.68 g / cm³

Evaporation: quick

Residues: none

Compatibility

with plastics:

good

Art.-No.: 102

200 ml

400 ml

CLEANER HFE back

Non-Flammable Cleaner for Electrical Components.

The new non-flammable CLEANER HFE was especially developed out of a new class of non-flammable fluorinated compounds to allow a safe and powerful cleaning of electrical components at energized equipment. This new generation of non-flammable cleaning solvents show furthermore excellent toxicological values and low odour.

CLEANER HFE is perfect for removing grease, oil, dirt and flux residues.

This fast drying precision cleaner based on the new HFE-technology evaporates without leaving any residues and without forming any explosive air-vapour mixtures.

Due to its special composition CLEANER HFE is non-conductive and has a good breakdown voltage.

Application:

For usage at equipment, where cleaning is only at the energized status possible, e.g. to avoid production interruptions and breaks.

For example machine controls in OEM industry, networks, switchboards and telecommunication industry.

For cleaning in sensitive areas, where explosive vapours are dangerous, e.g. mining, aircraft- and space-industry and chemical industry.

Technical Data:

Colour: clear, colourless

Odour: mild, ethereal

Density: 1.36 g / cm³

Evaporation: fast

Residues: none

Flash point: none, according to FEA 607-test

Compatibility

with plastics:

excellent

Art.-No.: 108

200 ml

VIDEOCLEAN back

Magnetic Head Cleaner for Audio, Video and Hi-Fi Appliances.

VIDEOCLEAN contains special dissolving substances with superior wetting ability enabling to quickly and gently remove abraded tape particles contaminating oil, oxides, dust, smoke films and dirt.

VIDEOCLEAN reduces head wear and extends tape life.

The product does not attack any material in common use.

Evaporates quickly without leaving any residue.

Application:

Specially developed for the maintenance of video and audio heads in:

video recorders

tape decks

camcorders

tape recorders

dictating machines

telephone answering machines

walkmen

car cassette players

sound film projectors, etc.

Suitable for the cleaning and care of CDs and CD players.

Technical Data:

Colour: colourless

Odour: that of alcohol

Density: 0.67 g / cm³

Volatilization: quick

Residues: none

Compatibility

with materials:

good

Art.-No.: 103

100 ml

200 ml

400 ml

ISOPROPANOL back

Mild, Universal Cleaner with >99,9 Purity.

ISOPROPANOL contains a pure solvent enabling a universal, mild cleaning for all electronic, mechanic and optic equipment.

Due to its ambivalent character ISOPROPANOL removes fat and oil as well as dirt reliably without attacking any materials.

It evaporates fast, leaves no residues and dries without leaving spots on the metall or glass surfaces.

ISOPROPANOL is of universal use wherever reliable cleaning is required.

Application:

ISOPROPANOL is perfect for a mild but effective cleaning of all kind of surfaces, e.g. mechanical and electromechanical contacts, relays, components and equipment.

Optical equipment, e.g. lenses, glas and objects lenses can be cleaned reliable without leaving spots.

Ideal for cleaning of Video-, Hifi- and CD equipment.

Technical Data:

Colour: clear, colourless
Odour: that of alcohol
Density: 0.785 g / cm³
Evaporation: quick
Residues: none
Compatibility
with plastics:
excellent

Art.-No.: 402

200 ml
400 ml

TUNER back

Special Cleaner for Tuners and Switches.

TUNER efficiently cleans electronic units and appliances, gently but reliably.

It removes all kinds of deposits such as dust, greasy dirt, nicotine, etc. without affecting the electric capacity and frequency values.

Superior wetting ability and low surface tension enable TUNER to quickly penetrate into surface.

TUNER evaporates rapidly without leaving any residue.

Application:

TUNER has been developed especially for the cleaning of tuner contacts.

However, it is equally suitable for:

sensors

relays

multiple connectors

distribution panels

integrated circuits, etc.

Also allows gentle cleaning of entire appliances or units, for example in EDP.

Technical Data:

Colour: colourless
Odour: characteristic, fresh
Density: 0.67 g / cm³
Evaporation: quick
Residues: none
Surface tension: approx.
19 mN / m
Compatibility
with plastics:
excellent

Art.-No.: 104

200 ml

SPRAYWASH back



Cleaner and Degreaser for Contacts and Electronic Equipment.

SPRAYWASH is a powerful mixture of solvents which reliably removes dirt and grease deposits as well as oxidized layers.

The product's good penetration and flowing properties enable to wash away any soiling without difficulty.

SPRAYWASH does not attack any material in common use.

Evaporates completely after a short time without leaving any residue.

Application:

Intensive cleaning of:

contacts

components and appliances in electrical engineering

Especially on:

switches

electric motors

relays

contactors

cabinets, etc.

Also to be used to wash out oxide and sulphide layers on contact surfaces previously dissolved by

CONTACLEAN.

Technical Data:

Colour: colourless

Odour: that of alcohol

Density: 0.75 g / cm³

Evaporation: average

Residues: none

Grease and

resin solving

properties:

universal

Compatibility

with plastics:

good

Art.-No.: 105

200 ml

400 ml

DEGREASER back

Heavy-Duty Cleaner removing Oils and Grease.

Being a special mixture of various heavy-duty solvents, DEGREASER removes oils and grease quickly and reliably.

This product is also effective against wax and other heavy soiling.

In addition, DEGREASER is water- and moisture-repellent.

Application:

Degreasing of:

installations

appliances

components, etc.

Particularly suitable for:

electric motors

high-voltage switchgear
cables
switchboards and signalling systems, etc.
Repels water and moisture at places of difficult access.
Technical Data:

Colour: colourless
Odour: that of solvents
Density: 0.83 g / cm³
Evaporation: average
Residues: none
Compatibility
with plastics:
good

Art.-No.: 106

200 ml
400 ml

FLUX-OFF back

Efficiently removes Rosin Flux and other Soldering Residues from Printed Circuit Boards.

FLUX-OFF is a mild, but effective cleaner that readily removes the most toughest deposits of flux, soldering oils and other contaminants such as grease, dirt and moulding compounds.

FLUX-OFF is colourless and leaves no deposits.

It does not attack any material in common use.

However, avoid using it on PVC and polystyrene.

Application:

Gentle, but intensive cleaning of printed circuit boards, electronic sub-assemblies and all other electronic components.

Also suitable for the degreasing of installations and appliances.

Technical Data:

Colour: colourless
Odour: mild
Density: 0.84 g / cm³
Evaporation: complete
Compatibility
with materials:
good

Art.-No.: 107

200 ml
400 ml