

**SPECIAL AEROSOL SOLVENT DEGREASER FOR CONTACTS
DECONTAMINATION AND DEPOLLUTION SOLVENT
FOR ELECTRICAL AND ELECTRONIC COMPONENTS
WITHOUT EFFECT ON THERMOSET PLASTICS AND IMPREGNATING RESINS
IMMEDIATE EVAPORATION, INSTANTANEOUS DRYING, FOR DRY CLEANING**

DESCRIPTION

Dry cleaning solution aerosol, dielectric strength, Neutralene® HV1, Ibiotec, aerosol cleaning solution for contacts, quick-drying cleaning solution, cleaning aerosol for electronic and electrical equipment.

NEUTRALENE® HV1 quick-drying cleaning solution is highly recommended for degreasing, cleaning and decontamination of all metals, composites, glass and ceramics, as well as most plastics and elastomers. It eliminates all organic and inorganic contamination.

This solvent is used in electronics, precision engineering, aerospace, optics and on all electrical equipment. It is particularly recommended for restoring electrical characteristics whilst avoiding sparking and leakage currents. NEUTRALENE® HV1 cleaning solution aerosol can be used to prepare surfaces before insulation.

It can also be used to prepare surfaces before gluing, painting, metal-plating, insulation or tropicalisation.

FIELDS OF USE

Maintenance of all electrical equipment, cabinets, photocells, cut-off switches, circuit breakers, contact switches, rheostats, rectifiers and motors. It does not affect insulating varnishes.

Decontamination of connections, busbars, fuse holders, fins on low voltage transformers.

Cleaning of open-cell or pre-block insulators, transformer penetrations, Buchholz relays, pressure gauges and valves.

Cleaning and silicone removal from EHV distribution stations and connectors before manual or infra-red camera inspection.

Cleaning of all direct contacts, potentiometers, keyboards, sliders, rotary contacts.

Servicing of low voltage equipment: telephony, telecommunications, air and sea navigation equipment.

Cleaning of microswitches, semiconductor pads, electronic tracks.

Cleaning of SMC circuits.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Appearance	Visual	Fluid	-
Colour*	Visual	Colourless	-
Scent	Olfactory	Slight	-
Density at 25°C	NF EN ISO 12185	754	kg/m ³
Refraction index	ISO 5661	1.4120	-
Freezing point	ISO 3016	-30	°C
Water solubility	-	Insoluble	%
Kinematic viscosity at 40°C	NF EN 3104	1.2	mm ² /s
Acid index	EN 14104	<0.1	mg(KOH)/g

Iodine index	NF EN 14111	n.m	g _l /100g
Water content	NF ISO 6296	0.0	%
Residue after evaporation	NF T 30-084	0.0	%
Steam pressure at 20°C	NF EN 13016-1	>0.1	hPa
PERFORMANCE PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
KB index	ASTM D 1133	75	-
Evaporation speed	-	6	dry
Boiling point	NF EN 14,667 ASTM D 5399	55	°C
Surface tension at 20°C	ISO 6295	21.2	dyne/cm
Breakdown voltage	NF EN 60156/IEC 156	43,000	Volts
Copper blade corrosion 100 h at 40°C	ISO 2160	1a	Measured value
FIRE SAFETY PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Flashpoint (closed tank)	ISO 2719	Without	°C
Self-combustion point	ASTM E 659	Without	°C
TOXICOLOGICAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Anisidine index	NF ISO 6885	0	-
Peroxide index	NF ISO 3960	0	meq(O ₂)/kg
TOTOX (anisidine index+2x peroxide index)	-	0	-
CMR, irritant and corrosive substance content	CLP Regulation	0	%
Residual methanol content from transesterification	GC-MS	0	%
Emissions of hazardous compounds, CMR, irritants, corrosive at 160°C	GC-MS	0	%
ENVIRONMENTAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Steam pressure at 20°C	-	>0.1	hPa
VOC content (Volatile Organic Compounds)	-	100	%
Sulphur content	GC MS	0	%
Benzene content	ASTM D6229	0	%
Total halogen content	GC MS	0	%
Chlorinated solvent content	-	0	%
Aromatic solvent content	-	0	%
Environmentally-hazardous substance content	CLP Regulation	0	%
GWP	-	<150	%
Content of compounds with ODP	-	0	%
Carbon assessment, life cycles analysis.	ISO 14040	nm	Kg carbon equivalent

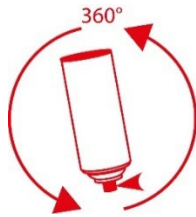
*nm: not measured or cannot be measured

INSTRUCTIONS FOR USE

Shake the aerosol from bottom to top for a few seconds. Spray 20 cm from the surfaces to be treated, according to its size. Aerosol usable in all positions.

PRESENTATION

Aerosol 650 ml



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