



LUXURY ACCESSORIES

LEATHER GOODS, PENS, FAUCETS, EYEWEAR



ECOLOGICAL CLEANING SOLUTIONS

 SWISS QUALITY



CLEANING AND SURFACE PREPARATION

Quality, reliability and expertise applied to the surface preparation of luxury items prior to lacquering, electroplating or decorative PVD/CVD

COMPATIBILITY

- Stainless steel
- Brass (leaded and unleaded)
- Zamak
- Rhodium, palladium
- Aluminium
- Nickel silver
- ABS, acetate
- Gold: yellow, white, pink

PARTS

- Leather goods:
 - Buckles
 - Padlocks
 - Snap hooks
 - Clasps, etc.
- Pens
- Lighters
- Faucets
- Watch cases and bracelets
- Eyewear

POLLUTIONS

- Oil, grease
- Polishing compounds
- Oxidation, firescale
- Fingerprint, dust
- Electroplating salts

DETERGENTS, SOLVENT, FINISHING AND SPECIFIC APPLICATIONS

PRODUCT	pH	TYPE	FUNCTION	APPLICATION/CONTAMINATION
RODACLEAN 2018	14	Detergent	Ultrasonic cleaning	Polishing compounds, soluble oil, light pollutions
GALVEX 20.31	10			
UNISON 1	10.9			
GALVEX 20.02	10			
GALVEX TM ¹	9.8			
HELIT 2022	7.1	Finishing detergent		Hydrophilic finish
GALVEX 18.08	9.5			Hydrophobic finish
RODASTEL 30	0.5			Deoxidation, brightening effect
SCHUTZLACK NGL 2002 ROSE	N.A.	Masking varnish	Aerosol spray	Water-soluble masking varnish
SCHUTZLACK 2005 SP L ROSE	N.A.		Spraygun or paintbrush	
RUBIFIN N°4	N.A.	Solvent	Degreasing in vacuum or ultrasonic machines	Neat oil

¹ Suitable for sensitive metals such as zamak or tin

SUPPORT

- **NGL Academy:** training on precision cleaning, passivation, water treatment, and HSE regulation
- **Application Centre:** various cleaning systems and wide range of analytical tools for all types of tests
- **Worldwide and local implementation**

ISO CERTIFICATION*

- ISO 9001 - Quality
- ISO 14001 - Environment
- ISO 45001 - Health and safety at work

*Applicable to the production site at NGL Cleaning Technology SA

SOLVENT

for cutting oil removal

▪ RUBIFIN N°4

A3 solvent for degreasing in vacuum or ultrasonic process. **Its hydrocarbon-free formulation** does not leave any greasy film on the parts in vacuum process.

STRONG ALKALIS

for heavy pollutions

▪ GALVEX 20.31

Alkaline detergent that includes a solvent for the removal of polishing pastes, neat and soluble oils and protective lacquers. Also suitable for surface preparation before electroplating. **Compatible with brass and other copper alloys.**

▪ RODACLEAN 2018

Strong alkaline detergent for the removal of polishing pastes and soluble oils in ultrasonic processes. Particularly efficient on all grades of steel. Not compatible with brass.

MILD ALKALIS

for sensitive metals

▪ GALVEX 20.02

Universal detergent, compatible with all substrates for ultrasonic cleaning. Effective on polishing pastes and light oils, **rinses off easily** and also has a **brightening effect** on metals.

▪ GALVEX TM

Universal detergent for ultrasonic cleaning, **compatible with tin**. Also prevents galvanic corrosion or redeposition of dissolved copper on steel or aluminium.

▪ UNISON 1

Universal detergent for ultrasonic cleaning. Particularly effective on polishing pastes and light oils, also has a brightening effect on metals.



FINISHING

for rinsing, brightening and protection against oxidation

▪ GALVEX 18.08

Slightly alkaline finish, which leaves a **water-repellent film**. Increases the speed of the drying process.

▪ HELIT 2022

Universal detergent, suitable for any substrates, for ultrasonic cleaning finish. Excellent rinsability, **hydrophilic finish**.

▪ RODASTEL 30

Multipurpose acid finish: **deoxidation / brightening** of metals (steel, aluminium, brass and other copper alloys) and removal of firescale from laser engraving or welding.



SPECIFIC APPLICATIONS

for the protection of devices

▪ SCHUTZLACK ROSE

Masking varnish for protection of polished or satin-finished areas during machining or laser engraving operations. **Water-soluble** in a detergent solution. Available in aerosol, or in a pot for spraygun or paintbrush application.

EQUIPMENT

With our **UPC 3000**, ensure on a daily basis that your equipment is properly set up:

- Measurement of ultrasonic power in Watts/L
- Measurement of the conductivity
- Temperature measurement
- Detergent concentration measurement
- Measuring the quality of demineralised water (0.001 µS/cm to 200 µS/cm)



OUR SUBSIDIARIES AROUND THE WORLD

NGL FRANCE SAS

Parc Aktiland Bât B
1 rue de Lombardie
FR-69800 SAINT-PRIEST
france@ngl-group.com

NGL CLEANING GMBH

Schlavenhorst 15
DE-46395 BOCHOLT
kontakt@ngl-group.com

NGL NORDIC A/S

Industriskellet 10
DK-2635 ISHØJ
nordic@ngl-group.com

NGL SHANGHAI

Room 407, Building 3, No.3199 Jinhai Road
Fengxian District
CN-201406 SHANGHAI
shanghai@ngl-group.com

NGL ASIA PACIFIC PTE LTD

28 Kallang Place #05-09
Kallang Basin Industrial Estate
SG-339158 SINGAPOUR
asiapacific@ngl-group.com

NGL AMERICA INC.

747 North Church Road, Suite G-9
ELMHURST, IL 60126, USA
usa@ngl-group.com



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NGL CLEANING TECHNOLOGY SA - ECOLOGICAL CLEANING SOLUTIONS

Chemin de la Vuarpillière 7 – CH-1260 NYON – SWITZERLAND
+41 22 365 46 66 – contact@ngl-group.com – www.ngl-group.com

