LEADER IN ECO-FRIENDLY CHEMICAL SPECIALTIES FOR INDUSTRIES & MRO
WATER-BASED DEGREASERS

Substitutes of conventional organic solvents and surface cleaners. They do not have flash point and toxicity risks. Non-flammable.

MAIN USES & APPLICATIONS

- Multipurpose Degreasers for Surfaces in General
- Degreasers for Bearings and Parts
- Degreasers for Heavy Vehicles
- Degreasers for Machinery and Equipment
- Floor Degreasers
- Degreasers for Industrial Washing Machines
- Degreasers for Machined Systems
- Deoxidizers, Phosphatizers and Descalers
- Degreasers and Cleaners for Food Processes

FEATURED PRODUCTS

RemoveGrax
Water based degreasers for multiple applications. Indicated for cleaning floors, removal of oils and greases from machines, metals, etc. Exceptional performance.

DecrustMax
Degreasers for general cleaning. They remove mineral and oxidative waste, cement and "verdigris". Ideal for cleaning and descaling of floors, after-work and parts in general. Substitutes of muriatic acid.

BrightMax
Deoxidizers, degreasers, cleaners and polishers for metals, including stainless steel, aluminum and copper. Ideal for degreasing of carbonized molds, cleaning of frames and box type bodyworks.

RemoveGrax
Degreasers certified by NSF (A1) for cleaning of all surfaces in and around food processing areas. Ideal for food, pharmaceutical and other industries.

ECO-FRIENDLY SOLVENTS

Diluents and degreasers for maintenance and processes. They replace toxic and aggressive products like toluol, xylol, kerosene, among others. In compliance with Brazilian standards NR-15, NR-16 and NR-20.

MAIN USES & APPLICATIONS

- Degrease of Bearings, Parts and Equipment
- Removal and Dilution of Paints and Adhesives
- Productive processes
- Metrology
- Cleaners for Textile Industries
- Degreasers for Technical Cleaning
- Clinical Analysis / Cytology
- Non-Flammable Solvents
- Substitutes for Thinner, Kerosene, Turpentine and Toluene
- Benzine and Acetone Substitutes

FEATURED PRODUCTS

EcoThinner
Ecological Substitutes for Thinners, of high volatility and very low toxicity. They replace MEK, IPA, benzine, chlorinated, etc. Biodegradable.

EcoCleaning
Ecological and biodegradable solvents with high solvency and degreasing power. They replace kerosene, diesel oil and isoparaffins.

CleanMesh

SolveThene
Alternative non-flammable solvents for high efficiency dilution, cleaning and degreasing. They replace flammable thinners.

VegeLub Solvents
Non-toxic, odorless, non-flammable technological solvents. Food grade. Ideal for cleaning and metrological processes. Registered in NSF.

Solv-Security
Metrological, dielectric, volatile and non-flammable solvent. Odorless, non-toxic and safe for applications where a volatile solvent is required.

SolveTech
Synthetic, Biodegradable and Non Flammable Solvents. They replace perchlorate, trichloro. Ideal for use with steam, spray and ultrasonic degreasing systems.

EcoFriendly Fuel

ANTICORROSION AGENTS

Liquid and waxy protective agents with exceptional antioxidant power, even in places with saline atmosphere.

MAIN USES & APPLICATIONS

- Non-toxic / Food Grade Protective Agents
- Protective Agents for Tools & Hardware
- Protective Agents for Molds
- Protective Agents for Temporary Protection / Warehouses
- Protective Agents for Machine / Vehicle / Exports
- Protective Agents for Military Vehicles Protections
- Protective Agents for Offshore Systems

FEATURED PRODUCTS

EcoKeep

RustyMax
Anti-corrosion protective agents and rust inhibitors based on environmentally friendly solvents.

VegeLub Protective
Biodegradable, odorless, non-toxic and food grade anti-corrosion protective agents. Registered in NSF.

AquaRusty
Water-based anticorrosion protective agents, without flash point, that provide extreme protection.
DIFFERENTIATED GREASES AND FLUIDS, WITH VEGETABLE-BASED, NON-TOXIC AND BIODEGRADABLE OPTIONS FOR THE MOST DEMANDING WORK CONDITIONS.

MAIN USES & APPLICATIONS

- Cutting and Machining Fluids
- Fluids for Electroerosion
- Stamping Fluids
- Anti-spatter Agents for Robotic Systems
- Long Lasting Ceramic Anti-spatter Agents
- Silicone-based Anti-spatter Agents
- Silicone-free Anti-spatter Agents

- Lubry Keep Special food grade greases. Synthetic, mineral and vegetable greases and oils with oil-in-water complexes and additives for unique strength, precision and durability. Registered in NSF.
- Lubry Lectry Electroconductive, lubricating and protective pastes, resistant to high temperatures and pressures. They form a thin and high efficiency electroconductive protective film due to metallic solid additives.
- Lubry Thermy Assembly anti-seize greases and pastes for very high temperatures and pressures specially in applications such as joints, bearings and even reactors. They form an extremely resistant sliding film in protection against wear.
- ClarusCutting Cutting and machining fluids with exclusive and differentiated components, superior quality and unparalleled efficiency. Non-toxic, odorless, not unhealthy, non-flammable.
- EcoMatyk Ecological and biodegradable cutting fluids for manual application. Non-toxic, odorless, not unhealthy, non-flammable.
- Mig Antispatter Anti-spatter agents for welding, with non-toxic and biodegradable properties. They do not release toxic agents and are safe for any work environment.

METAL WORKING

Auxiliary products for metal working, with greater operational safety for the user and also much less aggressive for the environment.

MAIN USES & APPLICATIONS

- Cutting and Machining Fluids
- Fluids for Electroerosion
- Stamping Fluids
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AUXILIARIES FOR PAINTING

Paint strippers, resins removers, coatings and additives for paint booths. High technology and high performance.

MAIN USES & APPLICATIONS

- Liquid Paint Strippers
- Pasty Paint Strippers
- Protective Agents for Paint Booths
- Flocculant Additives for Paint Booths
- Alternative Solvents

- RemoPaint Resin and paint removers. They dilute paints, glues and resins. Items ideal for recovery of parts. Available in liquid and gel versions.
- StrictMax Paste Paint Strippers. Products ideal for removing paints from large metal structures, machinery, parts, cleaning of hooks and paint skids. Non-flammable (in compliance with NR-16 and NR-20).
- VegeLub MaskPaint Protective pastes for surfaces. Product ideal for paint booths, metal sheets and equipment, avoiding the adherence of paint splatters, resins and glues, and as a mask for parts in general.
- StripMax Liquid Paint Strippers for immersion. Intense action. They break the structure by removing the paint quickly and without residual. Ideal for removal of varnishes from windings of electric motors, turbines and generators, cleaning of hooks and paint skids.
- FlokyMax Flocculant and coagulant additives for paint booths and other industrial water systems. Ideal for water curtains and systems where daily water exchange is not desirable. They prevent the clogging of the pipes.

FEATURED PRODUCTS

- Lubry Keep Special food grade greases. Synthetic, mineral and vegetable greases and oils with oil-in-water complexes and additives for unique strength, precision and durability. Registered in NSF.
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RELEASE AGENTS

High lubrication and release power, with very low coefficient of friction. These products avoid staining and interference in the molding and post-molding processes. Non-toxic*.

MAIN USES & APPLICATIONS
- Food & Pharmaceutical Industries (Food Grade)
- Plastics, Thermoplastics and Rotomolding
- Polyurethanes
- Rubbers and Elastomers
- Forging, Casting and Die Casting
- Composites, Fiberglass and Carbon Fiber
- Friction and Abrasives
- Glass, Ceramics and Refractories
- Cement and Concrete
- Auxiliaries for Processes (Injectors Cleaning / Purging)

FEATURED PRODUCTS
- FreeCast
  - Non-toxic release agents with exceptional non-stick properties and high durability and efficiency. They prevent the formation of stains and interference in the molding and post-molding processes.
- DesmoldMax
  - Special multipurpose release agents, formulated with unique and special polymers, on a solvent or aqueous basis. Maximum efficiency and durability. They are resistant to high temperatures.
- Luby Keep
  - Non-stick release agents and glidants. Dry product options with antistatic function for food and pharmaceutical industry. Food grade. Non-toxic. Registered in NSF.

ELECTRONIC MAINTENANCE

High-technology dielectric cleaners and protective agents for electrical and electronic maintenance in motors, contacts and electronic boards.

MAIN USES & APPLICATIONS
- Cleaning and Protective Agents for Electronics
- Dielectric and Protective Solvents

FEATURED PRODUCTS
- KaTronix
  - Line of aerosols for cleaning and protection of electronic contacts with compounds of newest generation. KaTronix 111 / 112 / 11x Electronic contacts cleaners. Available in versions: non-flammable and for energized or not energized systems.
- ElectryMax
  - Cleaning and dielectric protection. Solvents of high dielectric strength with anticorrosion protective. They clean and protect electrical motors.
  - RUD-17 Moisture-repellent dielectric protective agent.
  - SDL-17 / SDL-17i / SDR-17 Dielectric solvents of slow or fast evaporation. Available in odorless version.

HANDS CLEANERS

Dry cleaners with emollients and moisturizers to remove greases, paints and resins from hands and surfaces in general, such as furniture, panels and equipment.

FEATURED PRODUCTS
- Keepel LCP-43 / Keepel LCS-43
- Keepel LIP-43 / Keepel LCI-43
  - Non-toxic and odorless creamy lotions. Ideal for food and pharmaceutical industries.
- Keepel LRT-43
  - Creamy paint remover lotion. Non-toxic and non-caustic lotion. It removes paints, resins and glues. Harmless to skin. Very efficient, cleans with water. It avoids unnecessary contact with thixors and solvents.
- Keepel RemoPaint ECO-43
  - Cleaner and remover of paint, pigments and dyes. Ideal for situations where dyes are difficult to remove.

ANTIFOAMING AGENTS

Antifoaming agents for multiple applications: food, pharmaceutical and cosmetic industries (certified by NSF for direct contact with food), paint booths, effluent treatment, and other applications.

FEATURED PRODUCTS
- BioSolvy AntiFoam FD-01 / FD-03
  - Food grade liquid antifoaming agent. Biodegradable, non-toxic, odorless for food.
- BioSolvy AntiFoam CS-01
  - Food grade antifoaming agent for cosmetics and pharmaceutics.
- AquaMax ANS-10G
  - Biodegradable. Soluble in water. Can be used with any type of liquid.
- AquaMax ANS-30
  - Non flammable. Biodegradable. Soluble in water. Can be used with any type of liquid.

* Please refer to the Technical Data Sheet for more information about the characteristics of each product.
## CHEMICAL SOLUTIONS
### BY SECTOR OF APPLICATION

### Food and Beverage
- Lubricants • Greases • Antifoaming agents • Release agents • Degreasers • Ecological solvents • Special water-based paints • Food grade, non-toxic, biodegradable, odorless products, developed with FDA listed ingredients and registered in NSF (Nonfood compounds - HI).
- NSF

### Slaughterhouses
- Food grade greases and lubricants (ideal for overhead rails, cold room doors and refrigerated trucks and electric motors) • Hydraulic fluid for compressors • Ecological Odorless Water-Based Paints • Antifoaming agents for meat, poultry and seafood processes • Removers for stainless steel stains

### Pharmaceutical
- Grease and lubricants (bearings, gears, gearboxs, chains and compressor) • Degreasers • Special release agents and glidants, ideal for conveyor belts for sliding the tablets and closing the blister packs • Antistatic agents • Metrological solvents for measuring instruments

### Metallurgy
- Cutting fluids • Anti-corrosion protective agents • Ecological degreasers and solvents • Corrosion resistant greases and lubricants for extreme temperatures and pressures • Solutions for conveyor chains and continuous casting processes, hot and cold rolling, sintering, coiling, blast furnaces and systems of transport.

### Siderurgical and Mining
- Non-toxic non-flammable solvents • Water-based heavy-duty degreasers for equipment, vehicles and environments • Special lubricants for multi- applications • Extractors for purification and concentration of metals and minerals • Binders for dust control • Grinding aids • Anti-fouling agents • Anticorrosive protective agents for electronics and metals

### Automotive and Transportation
- Special greases and lubricants (robots / equipment / electric motors / hydraulic fluids) • Machining fluids • Ecological solvents • Dielectric solvents • Anti-corrosion protective agents • Electronic system cleaners and protective agents • Sliding agents • Mounting pastes • Paint removers • Phosphatizing agents • Degreasers for heavy vehicles

### Aerospace and Aviation
- Protection of electronic systems at low and high temperatures • Lubricants for window and windshield mounting • Noise reducers • Cleaners for aircraft internal and external maintenance • Degreasers for landing and take-off runways • Special lubrications (in extreme temperatures and pressures) • Protective agents against oxidation for metals.

### Naval and Nautical
- Degreasers for external parts • Cleaners and sanitzers for interior of vessels • Lubricants for marine equipment and systems in high and low temperature conditions and pressures • Anticorrosive protective agents resistant to rain, sea water, salt water and corrosion • Anticorrosive protective agents for electronic systems

### Paper and Cellulose
- Lubricants and greases for high temperatures • Solvents • Products for rotary machines, rotary kilns, cardboard corrugators and other equipment • Food grade products for paper and paperboard used in the food and pharmaceutical industry • Release agents for papers and adhesives

### Textile and Leather
- Special lubricants, formulated to avoid spattering on yarns and fabrics • Vegetable-based lubricants for substitution of conventional machine oil • Thread lubricants • High speed washable grease • Antistatic agents • Solvent for screen cleaning and fabric degreasing • Lubricants for looms, needles and circular looms

### Electrical and Electronics
- Greases and lubricants for robotic systems and electronics industries in general • Cleaners and anticorrosive protective agents for electronic contacts and boards • Greases for electric motors • Dielectric solvents • Dielectric moisture repellents • Sealant pastes for protection of insulators and electrical equipment

### Plastics and Rubber
- Ecological release agents for plastics, thermoplastics, rubbers and rotomolding (with and without silicone, which allow post-impression and painting in parts) • Water-based degreasers and ecological solvents that do not attack plastics • Lubricants for equipment used in the processes • Purge agents for injectors

### Glass and Ceramics
- Greases and lubricants for equipment, with exceptional results even at high temperatures and adverse working conditions • Release agents for glass, ceramic and refractory with high durability and thermal resistance • Cleaners and degreasers • Crack revealer for sanitary ware for correction before glazing.

### Printing
- Complete line of substitutes for conventional products in all stages of the processes, favoring the development of a work environment without risks of instability • Fountain / Water System Solutions • Photolithographic / Printing Solutions • Blanket Solutions • Roll Solutions • Multispur applications

### Collective Transportation
- Air conditioner cleaning products • Non-toxic greases and lubricants for locomotives and wagons • Degreasers for external cleaning of locomotives and wagons, courtyards, cargo areas, garages and walls • Products for cleaning seats, luggage compartments, floors and plastic parts and metal products • Products for maintenance, anticorrosive protection and cleaning of electronic systems.

### Laboratories and Hospitals
- Products for laboratory cleaning and maintenance • Solvents for clinical testing and analysis, replacing normally used aggressive solvents • Biodegradable solvents for cleaning instrumentcenteration, metrology and laboratory analysis • Paints for application on walls of laboratories and hospitals

### Electrical Energy
- Lubricants for hydroelectric and thermoelectric turbines and equipment • Special lubricants for wind power plants • Lubricants for bearings and gears, hydraulic systems and generators • Solvents for dielectric cleaning and protection • Water treatment products • Solar panel cleaners

### Oil and Gas
- Ecological solvents for separating mud in oil prospecting • Water-based cleaners for heavy cleaning • Lubricants for adverse conditions of temperature, pressure and humidity • Extreme protective agents with waterproofing action for ships and offshore structures

### Sugar and ethanol mills
- Anti-corrosion agents and lubricants for equipment used in different stages of production of sugar and alcohol

### Construction
- Products ideal for use in civil construction, especially in Green Buildings • Liquid Mineral Paints • Water-based ecological Paints for metals, walls, floors, tiles, including for signaling on highways and urban roads • Ecological Varnishes • Waterproofing agents • Adhesives and glues

### Agribusiness
- Products for maintenance and lubrication of agricultural vehicles • Lubrication of grain transport machines • Care of tanks in fermentation processes • Antifoaming agents • De-scalers and special products for cleaning stainless steel and aluminium • Auxiliary handling products, including asperis for milking
CLARUS® Technology, a company committed to the development of chemical specialties for the most diverse applications and industries, with great advantages of performance and safety when compared with conventional products. With ISO-9001 and ISO-14001 certifications, it offers sustainable solutions, based on commitment to the health of the user, the environment and society.

AEROSOLS

**Degreasers for maintenance**

- **EcoThinner Green**
  Ecological and biodegradable benzene substitute. Dry cleaning and degrease.

- **EcoCleaning Odorless**
  Odorless ecological solvent. Dry cleaning and degrease.

- **EcoCleaning Orange**
  Non-toxic biodegradable vegetable degreaser, with dewetting action.

- **EcoCleaning JET**
  Degreasing and surface preparation, Cleaning of lenses, electronic equipment and guns.

- **RemoveGrax FoamCleaner 15**
  Eco-friendly dry cleaning foamant agent. Multifunctional for degreasing and deoxidization.

- **SolveTech SPF-300**
  Dielectric Metrogramical Solvent. Non flammable.

- **SolvAgent Max STX-08**
  Super Thinner Degreaser. Multicleaning agent with controlled evaporation. Degreaser for general maintenance and cleaning. Recommended also for cleaning and maintenance of firearms, indicated as a carbon and soil scale remover in shotguns and rifles.

**Greases & Lubricants**

- **LubryMax GFT-57**
  Colloidal graphite and additives with excellent lubrication with solids. Supports up to 1000°C. Non flammable.

- **LubryMax GFT-55**
  Colloidal graphite and additives with excellent lubrication and corrosion formation.

- **LubryMax PolySint**
  Synthetic, polymerized lubricant, of excellent performance and quality. Formulated with high technology additives.

- **LubryMax GSL-503**
  Lithium grease, of excellent performance and quality. Formulated with additives and oils of high technology.

- **Lubry Termy GSB-590**
  Thermal grease with PTFE. Excellent performance for high temperatures. Resistant to oxidation and corrosion formation.

- **Lubry Keep GGA-80M**
  Non-toxic, odorless and Food Grade Grease; NSF approved, water and steam resistant.

- **Lubry Max GGM-593**
  Molybdenum and EP graphite grease, for low and high temperatures. Excellent for continuous castings (steel production).

- **Lubry Lectry PCL-403**
  Conductive, lubricating and protective paste of electrical parts, based on colloidal copper. Effective up to 1500°C.

- **VegeLub Lubrificante PTFE**
  Vegetable lubricant added with PTFE. Sliding film with high penetration power. Non-toxic. Food grade. Registered in NSF.

**Release & Sliding Agents**

- **Lubry Max SGT-50**
  Technical Grade Silicone, solvent free, release agent and lubricant with sliding action.

- **Lubry Max SGT-70**
  Technical Grade Silicone, Non Flammable. Developed to lubricate, demold and protect metals, plastics and electrical and electronic systems.

- **DesmolMax DLF-53**
  Synthetic-Vegetable based release agent for molds. It does not contaminate food.

- **Lubry Keep LDI-51**
  Sliding and nonstick agent. Odorless, non-corirosive. It repels dust, water, etc. Food Grade. Ideal for moldants and conveyors.

- **Lubry Keep LDS-52**
  Dry Lubricant, Sliding and Release Agent (with PTFE). Not corrosive and odorless. Food grade. Registered in NSF.

- **Lubry Keep LDI-71**
  Lubricant and anti-static agent, ecological, non-flammable, not-controlled, odorless, not unhealthy. Food grade. Registered in NSF.

- **VegeLub Desencraptante**
  Vegetable-based penetrant and lubricant oil, nontoxic, odorless and food grade.

**Anticorrosion Agents**

- **EcoKeep 77**

- **RustyMax RAC-05**
  Dry Transparent Anticorrosive Protective agent. It repels moisture, resists to acid and sea air and UV rays.

- **RustyMax CER-45**

- **RustyMax CER-47s**
  Drying anticorrosive wax agent for general purposes and mold protection.

- **RustyMax PMS-45**
  Synthetic anticorrosion protective agent. Excellent action in protection of molds. It makes possible the use of molds without degreasing.

- **RustyMax PMS-47 Green**
  Anti-corrosion, moisture repellent and oxidation resistant protective agent for molds. Of easy visualization.

**Penetrant and Lubricant Agents**

- **VegeLub Desengripante**
  Vegetable-based penetrant and lubricant oil. Free of chlorinated and aromatic. (Food Grade)

- **KryLub**
  Odorless Penetrant and Lubricant Oil. Free of chlorinated and aromatic. (Food Grade)  4-in-1 Micro-oil

- **KryLub Keep Inodor Free 47**
  Odorless, Non-toxic. Penetrant and Lubricant Oil. Free of chlorinated and aromatic. (Food Grade)

- **KryLub Keep Inodor Free 45**
  Non-toxic and odorless penetrant and lubricant oil. Free of chlorinated and aromatic. Non flammable. (Food Grade)

**Antispatter Agents**

- **MIG AntiSpatter PolySint**
  Anti-spatter agent without silicone for welding. Non flammable.

- **MIG AntiSpatter NSL-80**

- **MIG AntiSpatter SIL-81**

- **MIG AntiSpatter LFS-507**