



Technologies of the 21st Century

**BIOBASED CHEMICALS**

**CLEANERS**

**COOLANTS & LUBRICANTS**

**COATING & RUST PROTECTION**

**[www.nugentec.com](http://www.nugentec.com)**



NuGeneration Technologies supplies customers in high-tech, medical device and general industry, in particular in the disk drive, semi-conductor, read-write head, precision optics, fiber optic, aerospace, and the printed circuit board industries. The company, founded in 1997, has its Headquarters and R&D Labs in Rohnert Park, CA. In 2005 NuGenTec has expanded it's manufacturing capabilities by separating high tech products to their own facility with class 100 clean room blending and packaging. This Facility remains near the company's headquarters in California. To meet our expanding customer base across North America we have added two more blending and distribution locations strategically across the USA.

NuGeneration Technologies produces over 600 products and develops solutions for our customers based on our inherent strength in science and technology. Our business approach and philosophy is centered around Total Process Integration through specialty formulated chemistries. By supporting our customers' developments we eliminate process limitations and meet the specific requirements that allow them to succeed.

NuGeneration Technologies employees include highly qualified and experienced chemists. Our management team is dedicated to the innovation of new products and new processes with over 125 years of experience in the specialty chemistry industry. We believe that our technical capabilities, our direct working knowledge of our customer's needs and our team are the keys to our success.

Our Company is focused on reducing chemical exposures to employees in manufacturing industries and the environment. We are constantly looking and moving towards safer and "greener" technologies. Our New USDA BIO-Based Lines are Industry leading products in the quest for Greener more earth friendly products.

## Industries Served by NuGenTec and Its Divisions

Electronics Industries: SEMI, Disk, Head, Photovoltaic, PCB

Bio-Medical Industry / Medical Device

Government

Energy Industry


Food Industry

Metalworking Industry

Metal Finishing Industry

General / Manufacturing Industries

MSDS Services   
[www.MSDSauthoring.com](http://www.MSDSauthoring.com)

FloDynamix   
[www.FloDynamix.com](http://www.FloDynamix.com)



**NuGeneration Technologies**

100 Professional Center Drive  
Suite 101  
Rohnert Park, CA 94928

Toll Free: 888-996-8436  
Phone: 707-820-4080  
Fax: 877-204-9106

INTL. Direct Fax: 707-820-4079

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## NuGenTec Products

### BIOBASED CHEMICALS

#### CLEANERS

- 🔧 Aqueous and Non-Aqueous
- 🔧 Immersion Cleaners: Tank, Ultrasonic & Megasonic
- 🔧 Spray Cleaners
- 🔧 Green & BioBased
- 🔧 In Process Cleaners
- 🔧 Tar & Grease Removers
- 🔧 Electro-Polishing
- 🔧 SEMI Grade (Class 10) Cleaners
- 🔧 Ultra-High Purity Cleaners
- 🔧 Low Conductivity Cleaners
- 🔧 ESD "free" Cleaners

### COOLANTS & LUBRICANTS

- 🔧 Metal Working: Coolants
- 🔧 Metal Working: Lubricants
- 🔧 Buffing Compound Removers
- 🔧 Coolant Management
- 🔧 Coolant Dispensing/Metering

### COATING & RUST PROTECTION

- 🔧 Conversion Coatings: Iron & Zinc Phosphates
- 🔧 Paint Strippers
- 🔧 Rust Preventatives (Corrosion Protection)
- 🔧 In-process Rust Protection
- 🔧 SEMI Grade Corrosion Preventative

## NuGenTec Featured Products

- |                                  |                      |
|----------------------------------|----------------------|
| 🔧 AeroKlean                      | 🔧 AquaKlean EF105MF  |
| 🔧 AquaKlean EF53                 | 🔧 AquaKlean EF7B     |
| 🔧 AquaKlean RP 600               | 🔧 AquaKlean RP 700   |
| 🔧 AquaKlean SC-HD                | 🔧 Clean-N-Clear      |
| 🔧 DuPont Vertrel <sup>®</sup> XF | 🔧 FloDynamix Gumlast |
| 🔧 Force Flo <sup>®</sup>         | 🔧 NuKoat 55          |
| 🔧 NuKoat RP1                     | 🔧 NuRinse LF1X       |
| 🔧 NuSolv 5037T                   | 🔧 NuSolv 5065A       |
| 🔧 NuWet 4100                     | 🔧 NuWet DA 31C       |
| 🔧 NuWet DM33                     | 🔧 PowerWash 10X      |
| 🔧 Power Wash 40                  | 🔧 PV Klean           |
| 🔧 Sonic Klean                    | 🔧 SuperGreen         |

### NuGenTec Quality

NuGeneration Technologies, LLC and all our employees place the customer first and take pride in providing the highest quality products and services. NuGenTec will work hard to know, understand, and predict the requirements of our customers. At NuGenTec we strive for constant internal improvement by scrutinizing our policies and procedures, utilizing data and statistics to validate and document our improvements. When concerns arise, our responsive employees will provide immediate response to address quality issues, while working to eliminate the possibility of re-occurrence.

### NuGenTec Quality Assurance

NuGeneration Technologies, LLC is ISO 9001 compliant and strives to make the highest quality most consistent products in the chemical industry. Our customers perform regular quality audits on our facility and these audits are always welcomed. Our new High Tech Blending operation is ISO 9001 Registered and has a class 10 clean room for both blending and packing. Ensuring low contamination from airborne particles and contamination. Our facility is "State of the Art" and has been rated "Best in it's Class" by many of our customers in both the electronics and medical device industries.



FloDynamix had its beginning in early 2007 with the aim of providing solutions that substantially reduce unplanned leaks and spillage due to component failures. Fugitive emissions from control valves as well as secondary Mechanical Seal failures in pumps contribute to loss of productivity and endangers health & safety of employees and surrounding community. With environmental concerns at heart, FloDynamix strives in providing the most technologically sound products that keep cost of ownership at minimum while protecting people and assets. In 2008 FloDynamix and NuGeneration Technologies joined forces to better serve the market. While trained as Engineers & Scientists, FloDynamix founders have over 50 years of combined industry experience in Oil and Gas, Chemical Processing & Electronics industries. NuGenTec adds to its core competency by joining forces with FloDynamix LLC. With the Merger of FloDynamix we can offer a "Nu-Breed" of NuGeneration Products and services.

### FloDynamix line of products will:

- 🟡 Reduce installed cost
- 🟡 Reduce cost of ownership
- 🟡 Increase Mean-Time-Between-Failures
- 🟡 Improve PM cycle frequency

### FloDynamix Featured Products

**Gumlast<sup>®</sup> Seals & O-Rings:** FloDynamix™ specializes in design, sourcing and supply of all sealing solutions by offering polymer materials suitable to operate in temperatures from -85°C (-121°F) to +320°C (+608°F). Gumlast<sup>®</sup> perfluoroelastomer is a low cost alternative delivering the best value to our customers. We believe when it comes to quality, one should never compromise.

**Programmable Air/Gas Sampler:** Developed in conjunction with industry specialists, FloDynamix FD-400 (Four-Channel) and FD-200 (Two-Channel) are advanced semi-automated programmable air & gas samplers. Designed to collect air or gas samples from various environments, they provide fast, accurate sample collection in an easy to use package.

**Stempa<sup>®</sup> LT, Stempa<sup>®</sup> HT, & Stempa<sup>®</sup> FP series Valve Stem Packing:** FloDynamix Stempa<sup>®</sup> FP (fire proof) series is developed to prevent incidental fires by adding graphite reinforced cap to the packing column and conforms to API 607 3rd edition fire test protocols. Stempa<sup>®</sup> valve stem packing is available in 3-ring and 5-ring assemblies to accommodate various space availabilities.

[www.FloDynamix.com](http://www.FloDynamix.com)