



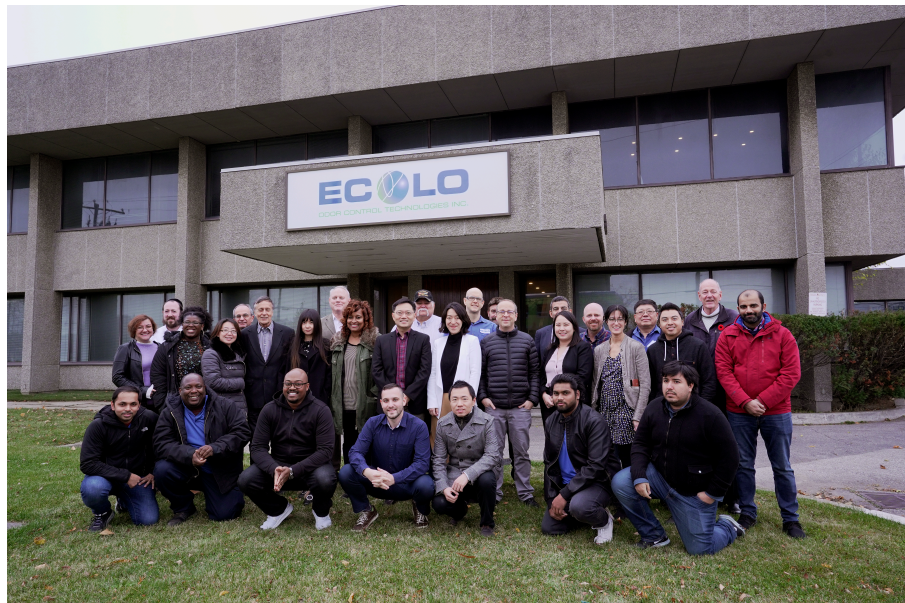
Odor Control Made for a Better Future.



THE ECOLO DIFFERENCE



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Odor Control Made for a Better Future.

In the 1960's, economies worldwide were developing rapidly and the resulting environmental pollution was becoming more of an issue. Large amounts of waste and sewage were generated, disrupting communities with unpleasant odors.

Calvin Sager, Ecolo®'s founder, decided to find safe, environmentally friendly, and effective solutions to industrial and waste odor problems. After 18 months of countless experiments, comparisons, and practical applications, the Ecolo team created its first odor control formulation. Designed to be a superior odor counteractant while respecting the environment, this original formulation became the basis of Ecolo's commitment to environmentally friendly odor control.

At Ecolo, our respect for the environment shapes our development of odor control solutions. We are proud that our products meet rigorous environmental standards, including our AirSolution 9000 series formulations that have been awarded the UL ECOLOGO® Certification.

Selecting Raw Materials

The development of new products begins with a careful selection of effective active ingredients and raw materials. Only raw materials from globally recognized suppliers who are in compliance with international industry standards are used.

The aromatic plant extracts we select are in compliance with the safety standards of the International Fragrance Association (IFRA), which establishes safety criteria for widely-used ingredients.

Following the selection of suppliers, rigorous raw material quality control (QC) measures are conducted both by suppliers and our internal QC team, with raw material samples being stored for up to two years as part of our QC protocols.

At Ecolo, we commit to the highest ingredient criteria for our products and refer to US EPA Safer Chemical Ingredients List(SCIL) and UL ECOLOGO standards during our new formulations' selection and evaluation process.



Registered to
ISO 9001



Developing and Optimizing Solutions

Every component of a new formulation goes through rigorous comparisons, and only the most effective and stable ingredients are chosen.

These formulations use complex blends of active ingredients that work together to achieve optimal efficacy of up to 97% thus far. The

development process is time-consuming but necessary to find the most effective active ingredients for targeted odor sources.

At Ecolo, we conduct both compatibility and stability tests for our new and existing solutions. Compatibility tests ensure that our solutions work optimally with equipment. Both real-time and accelerated stability tests are administered in order to determine and maintain shelf-life. For products with a shelf-life of one year, our lab maintains samples for up to two years.

Internally, we conduct qualitative

olfactory tests and quantitative olfactometry tests to confirm efficacy. Only formulations with the highest results continue on in the development process.

Qualified third-party odor analysis labs perform experiments using test methods and standards approved by government authorities.

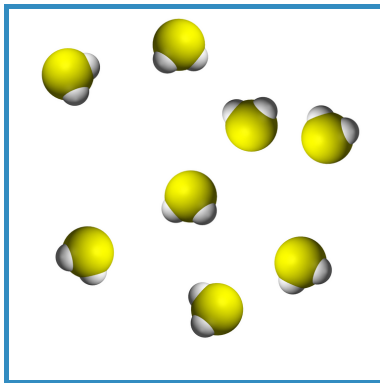
To meet the evolving needs of clients, reduce costs, and maintain high efficacy, solutions are constantly tested and optimized, with specific client requests such as solution color and concentration (RTU, C, SC, ESSC) taken into account.



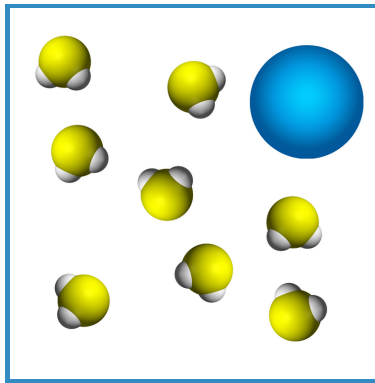
NOVEMBER 2019

Efficacy of AirSolution™ #9312

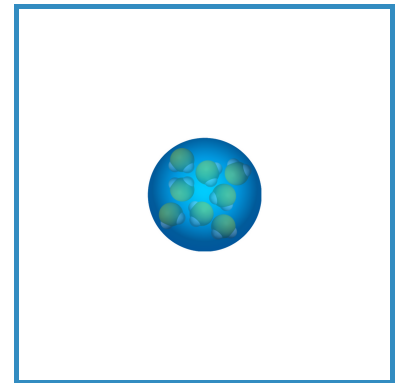
AirSolution #9312 Concentrate has an absorption capacity of 7.97, meaning one unit of AirSolution #9312 Concentrate absorbs and neutralizes nearly eight mg of hydrogen sulfide.



8 mg of hydrogen sulfide



AirSolution #9312 is introduced



Hydrogen sulfide is absorbed and neutralized

*This figure is adapted from a test report completed by WellLab Limited, a HOKLAS accredited laboratory.

The Final Product

Before a new product is launched, rigorous final product QC measures are taken to ensure high quality.

The solutions that are UL ECOLOGO certified are carefully reviewed and tested according to nationally approved sustainability and safety standards, and only products that meet the requirements of the tests are issued the UL certificate and bear the ECOLOGO.

For further testing and to ensure the quality of our products,

control samples of final products are retained for up to two years after sale. This ensures complete customer service, before and after product sales, to efficiently respond to customer inquiries and test actual batches, as required.

"Our R&D team works constantly with our sales team, customers and government regulatory bodies to keep informed of ways to stay ahead of industry requirements."

*-Bill Scott,
Sales Manager*



Unrivaled Reliability

Since its introduction, the AirPro ACU. 25 has delivered unrivaled reliability. This self-sufficient compressor unit with remote vapor odor neutralizer stations deliver years of trouble-free operations.

Compatible with AirSolution™, AirSensory™, and XStreme® solutions, the AirPro ACU.25 provides maximum versatility. Each installation is customized to meet the unique needs of each space, without modifying building structures or mechanical equipment.

- CSA & CE Certified
- Operates Automatically & Unattended
- Weather/Corrosion Resistant
- Versatile
- Quiet Operation



➤ Ecolo delivers timely and cost-effective solutions to meet odor control needs worldwide.

➤ We manufacture our own equipment and solutions to deliver the finest quality and most comprehensive products in the industry.

➤ At Ecolo, we commit to the highest standards for our products and refer to US EPA Safer Chemical Ingredients List(SCIL) and UL ECOLOGO standards during our new formulations' selection and evaluation process.



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