

Dr. Christopher G. Kabana

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- PhD chemist with a demonstrated history of working in the automotive industry. Experienced across multiple disciplines including formulation, manufacturing, marketing, purchasing, and regulatory compliance.
- Technical leadership of new product development and launches while also providing experience in product development, long range planning, networking, and generational bridging.
- Experienced with chemical analytical techniques including GC/MS, FTIR, NMR and SEM.
- Proficient in writing HTML, CSS, and JavaScript.

PROFESSIONAL BACKGROUND

Gold Eagle Company, Chicago, IL

May 2012 - February 2020

A privately owned company founded in 1932, Gold Eagle is an automotive chemical manufacturing company employing roughly 170 people.

Innovation Engineering Manager

Reported to Innovation Lab Manager. Major responsibilities include: Product formulation development, packaging compatibility, labeling requirements, formulation stability, SDS generation, sourcing of new chemicals, internal and external efficacy testing, responding to consumer technical questions and claims, ensuring compliance to various regulatory requirements such as California's Proposition 65, attend various technical and regulatory conferences on behalf of the company

Major accomplishments include:

- Developed and formulated new gasoline engine fuel system product STA-BIL® Fast Fix, with distribution within Wal-Mart and Amazon. Eventually branched into a Private Label version.
- Investigated and sourced a desiccant and odor-eliminator product, a brand new product category to Gold Eagle Co.
- Spearheaded project to ensure compliance to latest Proposition 65 update, created and maintained reference document for every part number, formula, and raw material for cross reference for future use.

- Developed and formulated new gasoline direct injection fuel system cleaner product 104+® Fuel Injector Pro, currently distributed within both Amazon and Wal-Mart. It has shown growth every week since its launch.
- Lead on ensuring compliance with California Cleaning Product Right to Know Act (SB-258).

Mallet and Company, Inc., Carnegie, PA

July 2005 - July 2006

A privately owned company founded in 1939, Mallet & Co. operates in food science and the food industry by developing products that are organic, PHO-free, GMO-free and allergen-free.

Qualitative Analysis Technician

Reported to Quality, Compliance, & Regulatory Science Manager. Major responsibilities included: quality testing of all production runs, verification of quality of all raw materials delivered, inspection of fill lines to ensure proper protocol is followed.

EDUCATION

- PhD, Organic Chemistry, Duquesne University (Pittsburgh, PA), 2012 Dissertation: “Thermal Oxidative Stability Of Middle Distillate Fuels: Chemistry Of Deposit Formation & Stabilization” Adviser: Professor Bruce Beaver
- BS, Chemistry, Allegheny College (Meadeville, PA), 2004. Advisor: Professor Leonard Vuocolo

AWARDS/PUBLICATIONS/CERTIFICATIONS

- Strategic Business Communication Certificate, Loyola University, 2016
- The Chevron Research Award for Excellence, 2011. Entailed a presentation entitled:
- C. G. Kabana *et al.* “Oxidative Stability of Middle Distillate Fuels. Part 1: Exploring the Soluble Macromolecular Oxidatively Reactive Species (SMORS) Mechanism with Jet Fuels.” *Energy & Fuels*. **2011**, 25, 5145.
- Coding Bootcamp Certificate: Northwestern University, Chicago IL
 - A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars.js & ReactJS.

PROFESSIONAL ORGANIZATIONS

- Petroleum Packaging Council (PPC) - Former Board Member, Former Committee Chair of Environmental Health & Safety, Member of the Long Range Planning Committee, Member of the NextGen Committee
- National Marine Manufacturing Association (NMMA)
- Automotive Specialty Product Alliance (ASPA) - Former Board Member
- American Chemical Society (ACS)
- International Association for the Stability, Handling, and Use of Liquid Fuels (IASH)