



Ph.D. Scientist (Entry Level) – Inorganic Chemist, Stillwater, OK

Company: XploSafe LLC,

712 Eastgate Street

Stillwater OK 74074

www.xplosafe.com

Position title: Research Scientist

Job description:

XploSafe is seeking an entry level Ph.D. Inorganic Chemist. The successful candidate will utilize inorganic chemistry expertise to develop new reagents, sorbents and devices applicable to detection, sorption and neutralization of select / target compounds. Responsibilities will include the preparation of inorganic materials through solid-solid, solid-liquid and gas-solid reactions; control of particle size, including preparation of nanoparticles; particle coating and materials characterization. The candidate will identify promising new areas of research, develop an understanding of structure-property relationships for new materials and transfer laboratory synthesis to pilot- and commercial-scale production.

Position requirements:

- Training: Ph.D. in Chemistry (or Materials Science with relevant experience)
- Significant laboratory experience in the development, synthesis, and characterization of novel materials
- Technical proficiency in using analytical instruments (GC MS, IR, UV/vis spectroscopy, fluorescent spectroscopy)
- Ability to plan and organize individual research programs and effectively manage time.
- Ability to effectively communicate proposals, research plans and results, and program progress to cross functional teams
- Troubleshoot analytical and instrumental problems with limited supervision
- Strong intellectual curiosity and an aptitude for problem-solving
- Preference will be given to those candidates who have demonstrated creative and innovative thinking
- Effective written and verbal communication skills are also a requirement for the position

How to apply:

If you have any experience on relevant projects, please include a brief project description on the cover letter. Interested applicants should submit a **cover letter and a CV with three professional references** to the Indeed.com job listing.

Job Type: Full-time