

**Company:** EarthSuds

**Position/Title:** Cosmetic Chemist (Freelance)

**Location:** TBD (Own R&D lab preferred, but can be EarthSuds facility in GTA)

**Dates:** January – March/April 2025, with opportunity for future engagements

**Compensation:** To be discussed based on finalized project scope

**Contact:** Daniel Moll, Founder & CEO, [daniel@earthsuds.com](mailto:daniel@earthsuds.com)

## **Company Background**

EarthSuds was founded in November 2018. Daniel was on a family vacation and found a beach littered with plastic shampoo bottles. He was shocked to learn that over 5.7 billion plastic toiletry bottles end up in landfills every year. He set out to create a product line that was made from high-quality natural ingredients, packaged without plastic, and built for life's adventures. After thousands of experiments, Daniel and his colleagues invented the world's first dissolvable tablets of shampoo, conditioner, body wash, and hand soap. Their tablets were recognized by National Geographic as one of the world's top 10 best inventions. Today, EarthSuds has sold products to over 1,800 customers and has diverted thousands of plastic toiletry bottles from landfills.

## **Project Overview**

In this role, the Cosmetic Chemist will be responsible for carrying out experiments to improve the solubility of the tablets. This will involve carrying out tests with current ingredients in different proportions as well as working with new ingredients that might provide better results. The Cosmetic Chemist will be expected to track their experiments and report their findings on a weekly call. They will work closely with the EarthSuds team to develop new hypotheses and test them in a thoughtful manner. The goal is to develop revised tablet formulations that dissolve more quickly, while maintaining other quality parameters.

## **Job Responsibilities**

- Conduct research: Read relevant reports and materials.
- Develop hypotheses: Write experiments to test hypotheses.
- Conduct experiments: Carry out experiments to test hypotheses.

- Document experiments: Maintain detailed records of experiments, including formulas, processes, observations, etc. Ensure all documentation meets company standards.
- Identify key findings: Examine experiments and develop key takeaways based on differences between hypotheses and results.
- Communicate key findings: Report key takeaways on weekly call with EarthSuds team.
- Repeat: Use key takeaways to iterate hypotheses and repeat experimentation process.

### **Qualifications**

- Undergraduate degree and/or graduate degree in cosmetic science, or equivalent practical experience.
- Experience working with dissolvable solid products is preferred. Experience working with shampoo bars is a bonus.
- Strong communication and interpersonal skills.
- Rigorous problem-solving and analytical skills.
- Comfortable working in a fast-changing startup environment.
- Self-motivated and strong attention to detail.
- Kind, authentic, empathetic, and committed to environmental sustainability.

### **Contact Information**

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