Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Isha Brahmbhatt

Title of Project Removal of Rare Earth Metal Ions from Contaminated Water by Sustainable Carboxycellulose Nanofibers Derived from Agave through Nitro Oxidation P

To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist: (All questions must be answered; additional page(s) may be attached.)

1. List all hazardous chemicals, activities, or devices that will be used; identify microorganisms exempt from pre-approval (s Potentially Hazardous Biological Agent rules).

   Nitric Acid
   Sodium Nitrite
   Lanthanide ions

2. Identify and assess the risks involved in this project.

   Chemical spills

3. Describe the safety precautions and procedures that will be used to reduce the risks.

   Personal protective equipment including lab coat, goggles, and gloves to prevent eye splashes and skin exposure to nitric acid and sodium nitrite

4. Describe the disposal procedures that will be used (when applicable).

   Disposal of waste materials as chemical hazard materials

5. List the source(s) of safety information.

   EH&S of Stony Brook University
   MSDS of utilized chemicals

To be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):
I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and will provide direct supervision.

Sunil Sharma	Sunil K. Sharma	06/15/19
Designated Supervisor's Printed Name	Signature	Date of Review (mm/dd/y

Research Scientist, Stony Brook University	sunil.k.sharma@stonybrook.edu
Position & Institution	Phone or email contact information

PhD in Materials Chemistry, previous experience in mentoring students in field
Experience/Training as relates to the student's area of research