

Risk Assessment Form (3)

Must be completed before experimentation.

Student's Name(s) Chris Cizmeciyan

Title of Project Utilizing EGCG to Mitigate Heavy Metal Stress Induced Chlorella vulgaris

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 (see Potentially Hazardous Biological Agent rules).
Epigallocatechin gallate (EGCG) and Aluminum Nitrate
2. Identify and assess the risks involved in this project.
Aluminum nitrate: skin contact, eye contact, ingestion, and flammable
EGCG: skin contact, eye contact, and ingestion
3. Describe the safety precautions and procedures that will be used to reduce the risks.
Aluminum nitrate: Wear plastic gloves, use goggles/glasses, cover drains, keep away from flames
EGCG: Wear plastic gloves, use goggles/glasses
4. Describe the disposal procedures that will be used (when applicable).
5. List the source(s) of safety information.
EGCG: https://documents.tocris.com/pdfs/tocris_msds/4524_sds.pdf?1573212782
Aluminum nitrate: <https://www.sigmaaldrich.com/MSDS/MSDS/DisplayMSDSPage.do?country=US&language=en&productNumber=237973&brand=SIGALD&PageToGoToURL=https%3A%2F%2Fwww.sigmaaldrich.com%2Fcatalog%2Fproduct%2Fsigald%2F237973%3Flang%3Den>

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.

Mary Hendrickson
Designated Supervisor's Printed Name

Mary Hend
Signature

2/26/19
Date of Review (mm/dd/yy)

Research Teacher
Position & Institution

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Experience/Training as relates to the student's area of research