


Date: 2024-03-14	Full name, tel: Madhusree Mitra	Expt nr/page i lab book:
Name of experiment: ASCENT-NMR (Aspen surface cuticle exploration for novel linkages via NMR)		

Reactions, expt conditions and procedures with safety implications:

dry cuticle powders after removal of extractives. These samples are not toxic. Cuticle isolation was done using enzymes. After that dry cuticles were extracted with dichloromethane, ethanol and water to remove extractives. After removal of extractives, the samples were dried properly and we are submitting dry cuticle powders for NMR analysis. Occurrence possibility of spillage is zero. These samples are also neither dangerous nor hazardous.










Substances, incl. those formed during the experiment and solvents. Include state of matter and concentration (if appropriate).										H-phrases
	Hazard. to enviro.	Irritant	Corrosive	Health hazard	Toxic	Oxidising	Flammable*	Compressed gas	Explosive	
Continued on the back?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	* Extremely flammable, very flammable or flammable							

Preventative measures and measures in case of incident (see P-phrases)

Waste disposal

Overall risk with consideration to dangers and safety/protective measures undertaken:	Low	Medium	High	Very High
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Date, lab teacher's signature and name

CONT. Substances, incl. those formed during the experiment and solvents. Include state of matter and concentration (if appropriate).										H-phrases
	Hazard. to enviro.	Irritant	Corrosive	Health hazard	Toxic	Oxidising	Flammable*	Compressed gas	Explosive	

**Correspondance between old and new symbols**  
<http://echa.europa.eu/en/chemicals-in-our-life/clp-pictograms>

