



UNIVERSITY OF  
CALGARY

Department of Geoscience

### Lab Safety Guidelines for Micropalo Processing

1. Processing with glacial acetic acid or hydrofluoric acid must be done during normal university hours - 08:30 - 16:30, Monday to Friday. Glacial acetic may be used on weekends by experienced people, when there are at least two working together.
2. All containers must be labelled according to WHMIS legislation.
3. Stacking of pails of acid in fume hoods is not permitted, unless proper support between each level is inserted. No more than two levels will be put on any hood.
4. Labs will be kept clear of all unnecessary materials.
5. Instruments will be protected from chemical fumes and particulate debris.
6. All chemicals brought into the lab from other labs will be accompanied by MSDSs, which will be placed the MSDS binders in the labs.
7. Clean glass waste will be placed in the proper container.
8. All residue from processing activity will be disposed of properly, not in the regular garbage.
9. Lab doors will be left open during processing.
11. All users of HF will be familiar with HF accident procedures, including use of the spill kits and burn treatment kits. HF will be neutralized as it is used, and the waste place in a closed, properly labelled container, which will be sent for disposal on a regular schedule.