Welcome to the University of Alberta nanoFAB knowledge base

This site is intended for both nanoFAB staff & users and contains information specific to working in the centre. All users should familiarize themselves with the Emergency Preparation section, creating an LMACS request, and the general Policies and Procedures sections. For specific administrative tasks, you can visit the how-to sections. The site also contains a listing of Application & Process Information, SDS sheets, and Standard Operating Procedures.

1. Register for access
2. Read the policies & procedures
3. Discover how-to articles

Emergency Preparation

Application & Process Information

Toolbox (software)

Frequently asked questions

- How to create an LMACS account
- How to reactivate an expired LMACS account
- How to transfer data out of the nanoFAB
- How to complete a chemical/material import request
- How to submit a sample for analysis

SDS Repository

- HMDS (HEXAMETHYLDISILAZANE) updated Nov 29, 2022
- view change
- 3DMAS - Tris(dimethylamino)silane created Nov 24, 2022
- view change
- Antimony trisulfide precursor solution updated Nov 15, 2022
- view change
- Niobium titanium updated Nov 15, 2022
- view change
- Titanium updated Nov 14, 2022
- view change

Recently Updated

- Terms of Use Policies updated Dec 09, 2022
- view change
- HMDS (HEXAMETHYLDISILAZANE) updated Nov 29, 2022
- view change
- 3DMAS - Tris(dimethylamino)silane created Nov 24, 2022
- view change
- User fees updated Nov 23, 2022
- view change

Need more help?

- Staff Directory
- LMACS Login
- LMACS Documentation
- Regular Staffed Hours
Monday - Friday (except holidays) 08:00 - 17:00
ECERF W1-060

Browse by topic

1. A
- a-174-silane
- access-management
- acetone
- administration
- afs
- after-hours-access
- airzero
- aja
- ald
- alphastep
- aluminum
- aluminum-oxide
- ammonia
- ammonium-hydroxide
- ams110
- anisole
- annealing
- antimony-trioxide
- application-note
- aqm-siox
- aquasave
- ar
- ar-p-6200
- autofocus
- avantor
- az-12xt-20pl-10
- az1512
- az-300-mif-developer
- az400k
- az5214e
- az-726-mif-developer
- az9260
- az-developer
- azp4260
- azp4330-rs
- azp4620
- az-remover-880

2. B
- bcl3
- bleach
- bms
- boe
- booking
- borofloat
- boron
- brady
- buddy

3. C
- c3n5
- c4f8
- cabinet-10
- cabinet-11
- cabinet-2
- cabinet-5
- cabinet-9
- cabinet-aisle-3
- caf2
- calcium-fluoride
- calculator
- calendar
- cancellation
- carbon
- carbon-disulfide
- carbon-nanotubes
- casaxps
- ccid
* estrelas
* etch
* etchant
* ethanol
* ethyl-acetate
* ethylenediamine-tetraacetic-acid
* ethylene-glycol
* ethyl-isovalerate
* ethyl-lactate
* ethyl-nonfluorobutyl-ether
* ethyl-nonfluoroisobutyl-ether
* etm-0196-livilux
* etm-036-livilux
* evacuation-response
* evaporation
* ever-green
* eyewash

6. F
* fabrication
* facilities
* facility-checklist
* ferric-chloride
* file
* file-list
* filmetrics-f50-uv
* fisher-scientific
* fluorinert-fc-72-electronic-liquid
* fluoropel-pfc1101v
* floropolymer
* forms

7. G
* ga2o3
* gadolinium
* gadolinium-iron-cobalt
* gallium-oxide
* gas-handling
* gdfeo
* gdsi
* germandium
* germanium-antimony-telluride
* glass
* gndi-br2
* gold
* google-chat
* google-drive
* google-suite
* gopro
* guest-access
* guide

8. H
* h2
* hafnium-oxide
* hardware
* hazard-assessment
* hbr
* hcl
* hd-4100
* headway-spinner
* hf
* hmds
* how-to
* hpr504
* hpr-504
* hpr-506
* hydrochloric-acid
* hydrofluoric-acid
* hydrogen
* hydrogen-bromide
* hydrogen-peroxide
* hydroxypropyl-methylcellulose

9. I-K
* immersol
* immersol-518
* interlock
* inventory-management
* iodine
* ipa
* ip-dip
* ip-l
• ip-s
• iridium
• iron
• it
• ito-etchant-te-100
• kapton
• keypad
• kjlc-150lx-ald
• kjlc-cms18-sputter-bob
• kjlc-cms18-sputter-doug
• klayout
• kmpr
• koh
• kratos

10. L
• labelling
• l-edit
• lsf
• lift-off
• linde
• liquid-nitrogen
• lithium-fluoride
• lithium-niobate
• lithography
• live-stream
• imacs
• imacs-requests
• ln2
• ln60
• logviewer
• lor5b

11. M
• magnesium-oxide
• ma-n-2400
• manganese
• manganese-iridium
• matlab
• meeting-notes
• methanol
• methyl-isomyl-ketone
• methyl-isobutyl-ketone
• methyl-isovalerate
• methyl-nonautrobutyl-ether
• methyl-nonafluorobutyl-ether
• methyl-styrene-chloromethyl-acrylate-copolymer
• mf-319
• mf-319-developer
• miak
• mibk
• mibk-ipa
• microchem
• microfluidics
• microposit-351
• mla150
• monaserver
• moodle

12. N
• n2
• n2o
• nanoscribe
• nanocell
• n-butylamine
• new-staff
• nf-fabrication
• ngp80
• nh3
• nickel-etchant-tfb
• nickel-oxide
• nio
• niobium
• nitric-acid
• nitrogen
• nitrous-oxide
• n-methyl-2-pyrrolidinone
• nmp
• novec-engineered-fluid-7100dl
• novec-engineered-fluid-7200dl
• novolak

13. O
• o3
• obs-studio
• octoxinol
• onecard
• one-on-one
• operational-readiness
• oven
• oxford
• oxford-cobra-icp
• oxidation
• pa-400-r
• parameters
• parylene
• parylene-c
• parylene-n
• p-card
• pce12
• pdadmac
• pdms
• pdms-curing-agent
• pedot-pss
• pedot-pss-peo
• pentane
• pentyl-acetate
• perchloric-acid
• perfluorodecane
• pgme
• pgmea
• pgmi
• phosphoric-acid
• photomask
• pi-2574
• piranha
• planarizing-coating-pc43-700
• plasma
• plasmatherm
• pmma
• pmma-950-a
• policy
• poly-4-vinylpyridine
• polyacrylamide
• polyaniline
• poly-aniline-sulfonic-acid
• polydiallyldimethylammonium-chloride
• polyimide
• poly(styrene)
• poly-vinyl-alcohol
• poly-vinyl-chloride
• poly--methyl-styrene-co--chloroacrylate-methylester
• potassium-chloride
• potassium-hexacyanoferrate
• potassium-hydroxide
• potassium-iodate
• praxair
• precious-metals
• precursor
• printer
• procedure
• process
• process-gas
• process-info
• project
• project-data
• protek-b3-25
• protek-b3-primer
• protek-remover-100
• public-website
• pvc
• pvd
• raith-150-ii
• raith-gdsii
• rb-aramx
• re-activate
• recipe
• registration
• remover-pg
• requires-update
- zep-520a
- zep-a
- zip
- zirconium-oxide

19. 0-9
- 100kv
- 1,3-dioxolane
- 1-methoxy-2-propanol
- 1-propene-1,2,3,3,3-hexafluoro-oxidized-polym
- 2-propanol
- 351-developer
- 3,6,9-trioxaundecamethylene-dimethacrylate
- 3dmas
- 504
- 506
- 6510dn