

How to access a MSDS using Chemwatch.

If you do not already have access to Chemwatch:

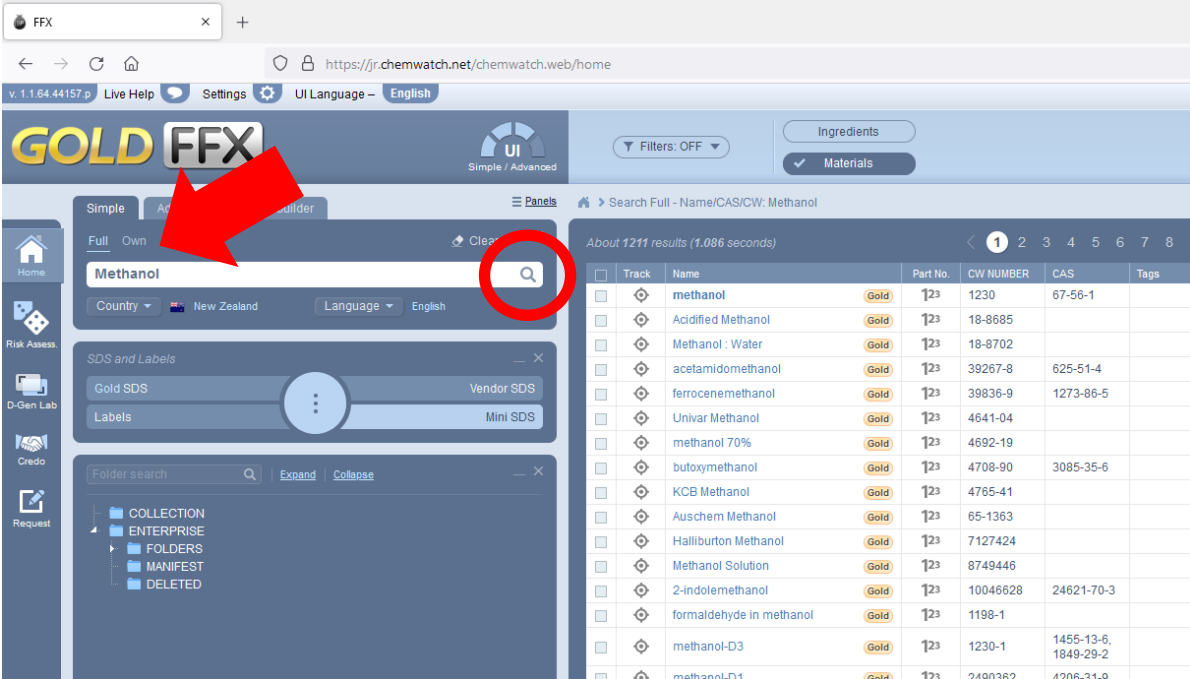
Staff or supervisors (on behalf of post-graduate students) will need to raise a support ticket with digital solutions servicedesk@vuw.ac.nz. You should request Chemwatch access and ask to be added to the “SBS Student” group and be assigned to the “SBS User” role.

Supervisors should also provide digital solutions with the name and VUW email of the student

(NB: Once you have access to Chemwatch, you may also have a need to view, create or, add substances to manifests and to edit quantities. To do this you must have the default permissions changed. Contact kayla.griffin@vuw.ac.nz if your permissions need to be altered or you need help using Chemwatch)

Log into Chemwatch.

1. If you have not yet done so. You must change your default country settings to NZ before proceeding. Instructions on how to do this are available from the SBS resources webpage.
2. Select “FULL” list, this will search through the full Chemwatch list of SDS’s.
3. Enter name of chemical OR CAS number (Chemical Abstracts Services Registry Number) in search field e.g. Methanol OR 67-56-1
Click on magnifying glass icon or press enter.
4. Materials list is displayed. List is comprised of all substances that contain “methanol” in any of the names they are known by.



The screenshot shows the Chemwatch Gold FFX web interface. The search bar at the top contains the text "Methanol" and a magnifying glass icon. A red arrow points to the search bar, and a red circle highlights the magnifying glass icon. The search results are displayed in a table with columns: Track, Name, Part No, CW NUMBER, CAS, and Tags. The first row is "methanol" with a "Gold" status and a "123" track number. Other rows include "Acidified Methanol", "Methanol : Water", "acetamidomethanol", "ferrocenemethanol", "Univar Methanol", "methanol 70%", "butoxymethanol", "KCB Methanol", "Auschem Methanol", "Halliburton Methanol", "Methanol Solution", "2-indolemethanol", "formaldehyde in methanol", "methanol-D3", and "methanol-D1".

Track	Name	Part No	CW NUMBER	CAS	Tags
123	methanol	1230	Gold	67-56-1	
123	Acidified Methanol	18-8685	Gold		
123	Methanol : Water	18-8702	Gold		
123	acetamidomethanol	39267-8	Gold	625-51-4	
123	ferrocenemethanol	39836-9	Gold	1273-86-5	
123	Univar Methanol	4641-04	Gold		
123	methanol 70%	4692-19	Gold		
123	butoxymethanol	4708-90	Gold	3085-35-6	
123	KCB Methanol	4765-41	Gold		
123	Auschem Methanol	65-1363	Gold		
123	Halliburton Methanol	7127424	Gold		
123	Methanol Solution	8749446	Gold		
123	2-indolemethanol	10046628	Gold	24621-70-3	
123	formaldehyde in methanol	1198-1	Gold		
123	methanol-D3	1230-1	Gold	1455-13-6, 1849-29-2	
123	methanol-D1	2490362	Gold	4206-31-9	

5. Select Gold SDS and then click on the item from the materials list you are interested in. A full SDS will be displayed

The screenshot shows the GOLD FFX website interface. On the left sidebar, under 'SDS and Labels', the 'Gold SDS' option is highlighted with a red arrow. The main content area displays the full SDS for Methanol, including sections for Identification, Properties, and Supplier details.

METHANOL
ChemWatch Review SDS
Chemwatch 1230
Version No: 8.1
Safety Data Sheet according to the Health and Safety at Work (Hazardous Substances) Regulations 2017

SECTION 1 Identification of the substance / mixture and of the company / undertaking

Product Identifier

Product name	METHANOL
Chemical Name	methanol
Synonyms	#E3enr3, CH4O, CH3OH, methyl alcohol, methanol anhydrous, caritol, colonial spirit, Columbian spirit, hydroxymethane, monohydroxymethane, pyrolytic spirit, wood alcohol, wood naphtha, wood spirit, methylol, methyl hydrate, methanol 200 HPLC, Vibel CJ MA Solvent, Sigma 270474 CSR Methanol, Hewlett-Packard Protein Sequencing Reagent L2, Seby Methanol, Protasyl ESPAL866, Askland Methanol (LD), Penray Air Brake Antifreeze 8601, Merck Methanol CH3CO, B05 100009, Merck Methanol HPLC Grade, APSC Methanol Anhyd A8 0000723, Methanol (Petrol), Vitecoac FLO DCP-1 Prod. Code 6406, 9 & 10
Proper shipping name	METHANOL
Chemical formula	CH4O
Other means of identification	Not Available
CAS number	67-56-1

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses
Used as an industrial and pharmaceutical solvent; raw material for the manufacture of formaldehyde; used to denature ethanol; as a octane booster in petrol and as a antifreeze for automotive radiators and air brakes. As an ingredient of gasoline and diesel oil antifreezes, used as a fuel for picnic stoves and is used as an extractant for vegetable and animal oils.

Details of the supplier of the safety data sheet

Registered company name	Andrew	Toshiba International Corporation Pty Ltd	Petrolas (PETROLAS Gas Berhad)
Address	3 Porana Road Takapuna Auckland New Zealand	11A Gibbon Road Winton Hills NSW 2153 Australia	Level 50, Tower 1, Petrolas Twin Towers, Kuala Lumpur City Centre Kuala Lumpur 50088 Malaysia
Telephone	+64 9 444 3733	+61 2 8867 8200	Not Available
Fax	+64 9 444 3838	+61 2 9624 7104	Not Available
Website	Not Available	http://www.tc.toshiba.com.au	Not Available
Email	Not Available	Not Available	contact@petrolas.com.my

6. Alternatively if you only want a summary of the data you can select the mini SDS.

The screenshot shows the GOLD FFX website interface. On the left sidebar, under 'SDS and Labels', the 'Mini SDS' option is highlighted with a red arrow. The main content area displays a summary of the SDS for Methanol, including hazard pictograms, GHS labels, and key safety information.

METHANOL
Chemwatch 1230
NZ POISONS CENTRE 0800 764 786 | NZ EMERGENCY SERVICES: 111 - THIS IS A SUMMARY ONLY - FULL REPORT AVAILABLE

INGREDIENTS

INGREDIENTS	CAS NO	%	TRK
methanol	67-56-1	>65	262 mg/m3

GHS

DG

UR No: 1230
Hazardous Code: 20W
DG Class: 3
Subsidiary Risk: 6.1
Packing Group: 8

HEALTH HAZARD INFORMATION

Determined by Chemwatch using GHS/CLP criteria/assessed by EPA New Zealand

Signal word: **Danger**

H226 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H315 Toxic inhaled.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.

PRECAUTIONS FOR USE

PROPERTIES

Liquid mixes with water. Highly flammable.

EMERGENCY

FIRST AID

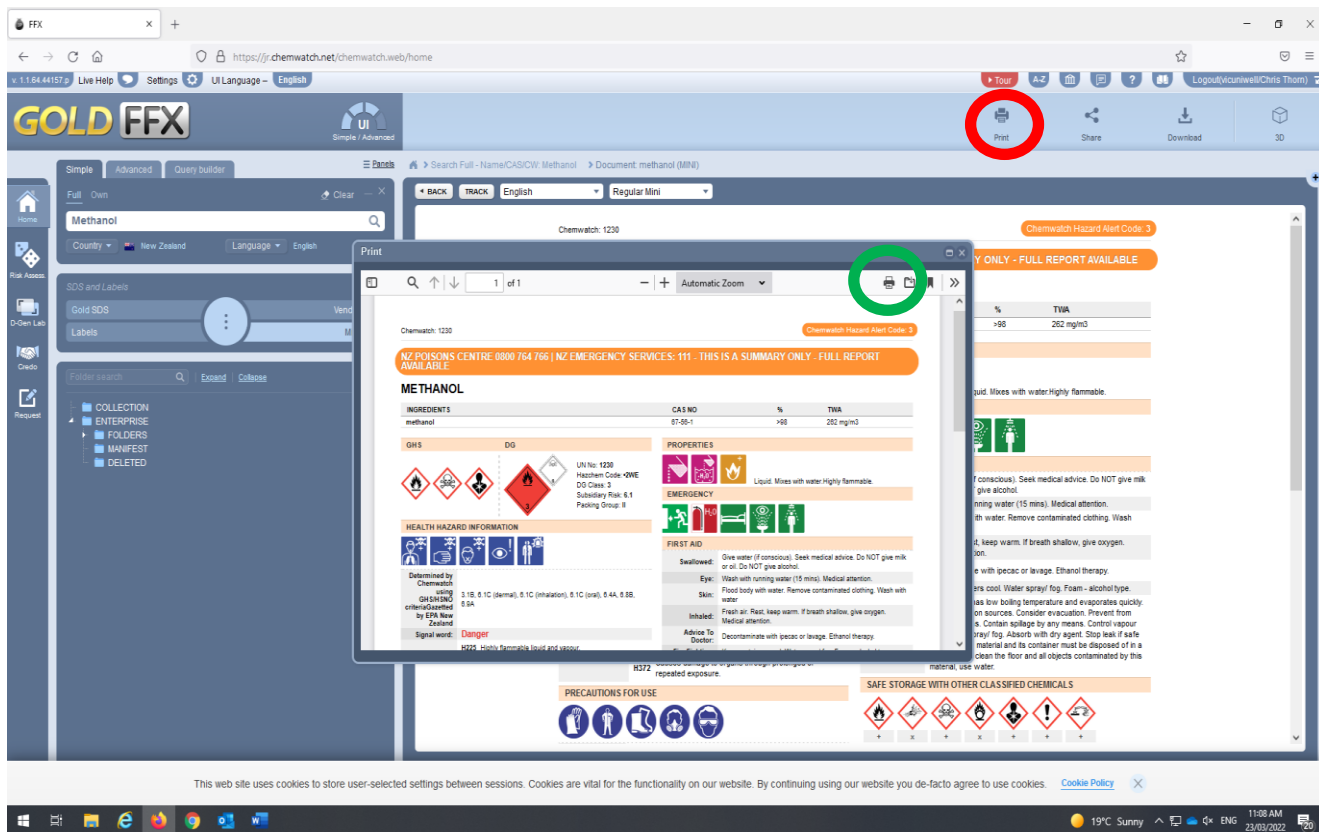
Swallowed: Give water (if conscious). Seek medical advice. Do NOT give milk or oil. Do NOT give alcohol.
Eyes: Wash with running water (15 mins). Medical attention.
Skin: Flood body with water. Remove contaminated clothing. Wash with water.
Inhaled: Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

Advice To Doctor: Decontaminate with peaco or lavage. Ethanol therapy.

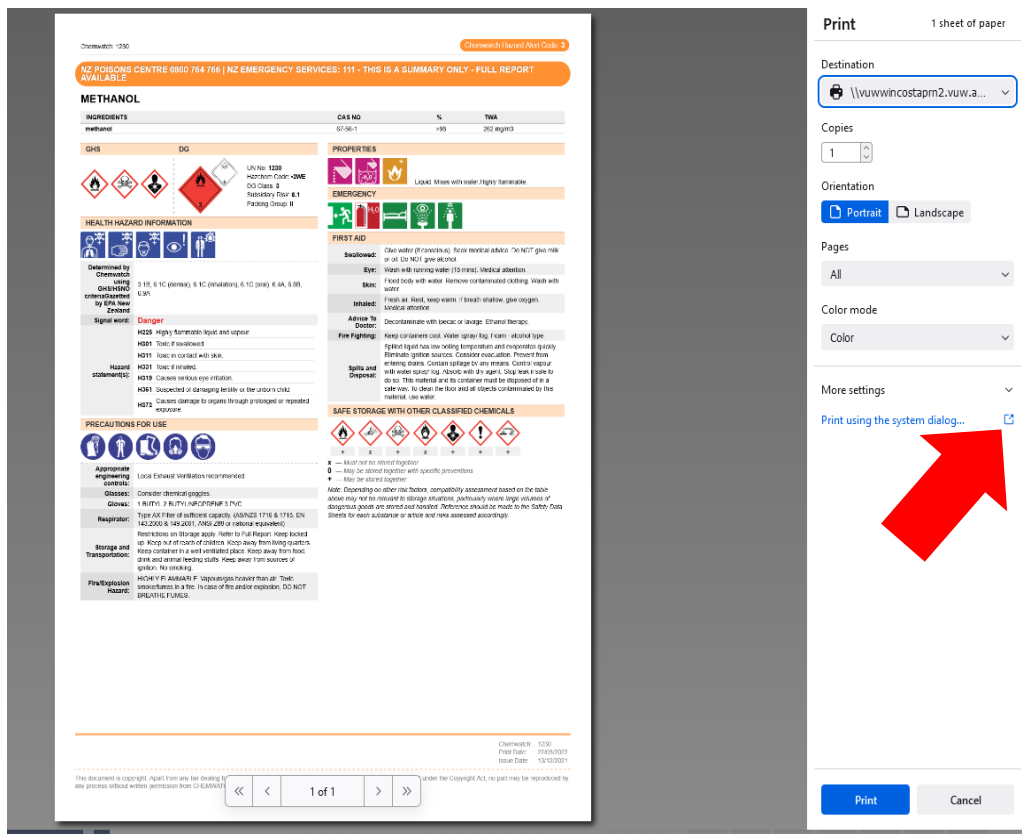
Fire Fighting: Keep containers cool. Water spray/ fog. Foam - alcohol type. Spilled liquid has low boiling temperature and evaporates quickly. Eliminate ignition sources. Consider evacuation. Prevent from entering drains. Contain spillage by any means. Control vapour with water spray/ fog. Absorb with dry agent. Stop leak if safe to do so. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

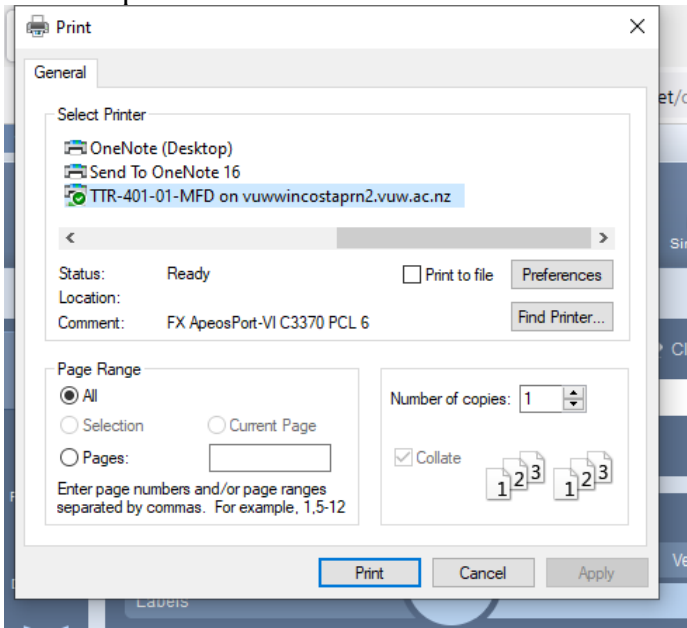
- If you wish to print a copy of the MSDS click on the print emblem (Red circle). A popup window will appear. Click on the print emblem (Green circle).



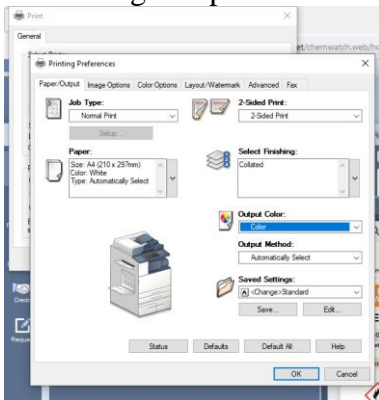
- Print dialog window will appear.
If you are happy with a B&W image - click Print
If you want a colour copy, Click on the “Print using system dialog” box (Red arrow)



9. Click on preferences



10. Change output color to colour, click OK.



11. Click print