

Step 1 Login to GoldFFX

Go to Chemical Management web page:

<http://safety.unimelb.edu.au/hazard-topics/chemical-management>

Select the *GoldFFX icon*
[University network login required]

ACCESS GOLDFFX

Step 2 Select the SDS



Gold SDS

Extensive SDS from GoldFFX in multiple languages

Vendor SDS

SDS exactly as provided by the manufacturer/supplier

Mini SDS

Concise graphical SDS from ChemWatch. Colour coded by level of risk, in multiple languages

Select SDS type from the SDS AND LABELS control panel

Step 3 Search for the Chemical



Search for the chemical by *Name/CAS* (CAs Number) and then click *Search*

SEARCH

Step 4 Select the Chemical

TRACK	MATERIAL NAME	CAS NUMBER	VENDOR	SYNOPSIS	RELEASED
<input type="checkbox"/>	hydrogen chloride, refrigerated liquid	7647-01-0	Multiple	hydrochloric acid, anhydrous	100
<input type="checkbox"/>	hydrochloric acid	7647-01-0	Multiple	hydrochloric acid, anhydrous	100
<input type="checkbox"/>	hydrogen chloride	7647-01-0	Multiple	hydrochloric acid, anhydrous	100
<input type="checkbox"/>	CSK Liquid Pool Acid		Multiple	hydrochloric acid	100
<input type="checkbox"/>	Bayer 20 Degree Beams Muriatic Acid		Multiple	hydrochloric acid	100
<input type="checkbox"/>	Chem Lab Aqua Guard Muriatic Acid		Multiple	hydrochloric acid	100
<input type="checkbox"/>	deuterium chloride	7699-05-7	Multiple	hydrochloric acid D	98
<input type="checkbox"/>	Hydrochloric acid 3%		Multiple	Hydrochloric acid	96.33
<input type="checkbox"/>	Hydrochloric acid 32%		ChemWatch	Hydrochloric acid	96.33
<input type="checkbox"/>	Jasol inhibited Hydrochloric		ChemWatch	Hydrochloric acid	96.33
<input type="checkbox"/>	Hydrochloric acid 36%		Multiple	Hydrochloric acid	96.33
<input type="checkbox"/>	Hydrochloric acid 1:3		ChemWatch	Hydrochloric acid	96
<input type="checkbox"/>	urea hydrochloride	24825-13-4, 509-69-8	Multiple	hydrochloric acid urea	95
<input type="checkbox"/>	Hydrochloric Acid (37%)		Multiple	Hydrochloric acid	95
<input type="checkbox"/>	Hydrochloric Acid (20%)		Multiple	Hydrochloric acid	95
<input type="checkbox"/>	Hydrochloric acid 50% v/v		Multiple	Hydrochloric acid	94.33
<input type="checkbox"/>	Hydrochloric Acid 10.36%		Multiple	Hydrochloric acid	94
<input type="checkbox"/>	2% hydrochloric acid		Multiple	Hydrochloric acid	94
<input type="checkbox"/>	Hydrochloric Acid 31.45%		Multiple	Hydrochloric Acid	94
<input type="checkbox"/>	Alex Spret of Salt		ChemWatch	Hydrochloric Acid	94
<input type="checkbox"/>	Calsium NitroAlboc 9833***DISOLUTIC		ChemWatch	hydrochloric acid Calcium	93
<input type="checkbox"/>	French Gas Acids		ChemWatch	hydrochloric acid	91

Select the desired chemical in the search results by clicking its title

Step 5 Print, Email or Save

HAZARDOUS CHEMICAL DANGEROUS GOODS. According to the Model WHS Regulations and the ACG Code.

HYDROCHLORIC ACID

INGREDIENTS	CAS NO.	%	SHR OEL
hydrogen chloride	7647-01-0	30-35	N/A
water	7732-18-5	65-70	-

HEALTH HAZARD INFORMATION

Acute Health Effects: Harmful if swallowed. Toxic by inhalation. Causes burns.

PRECAUTIONS FOR USE

Appropriate engineering controls: Local Exhaust Ventilation recommended.

Gloves: Safety Glasses. Consider chemical goggles.

Respirator: Type G-P Filter of sufficient capacity (ANSI Z89.1-2003 & 1715, EN 143 2005 & 149 2001, ANSI Z89 or national equivalent).

Storage and Transportation: Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Keep locked up.

Fire/Explosion: Hazard: Non-flammable (water) but all toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. In case of fire and/or explosion, DO NOT BREATHE FUMES.

PROPERTIES

Liquid. Mixes with water. Corrosive. Acid. Does not burn.

EMERGENCY

FIRST AID

Swallowed: If more than 15 mins from Doctor, INDUCE VOMITING (if conscious).

Eye: Wash with running water (15 mins). Medical attention.

Skin: Remove contaminated clothing. Wash with soap & water.

Inhaled: Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.

Advice to Doctor: Address problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids - irrigate 30 mins.

Fire Fighting: Keep surrounding area cool. Water spray/fog.

Spills and Disposal: Spilled liquid has low boiling temperature and evaporates quickly. Control vapour with water spray/fog. Absorb with dry agent. Dilute with water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

May not be stored together
 May be stored together with specific precautions
 May be stored together

Example of a Mini SDS

Print, Email or Save

MORE HELP

- On-line GoldFFX – sends an email “Help & Support” enquiry to ChemWatch
- On-line GoldFFX eLearning (videos)
- On-line GoldFFX help
- On-line GoldFFX manual

Chemical Management webpage: <http://safety.unimelb.edu.au/topics/chemical/>

Consult your local Health and Safety Business Partner: <https://safety.unimelb.edu.au/about/contacts/local.html>