



PREPARATION OF A CHEMICAL REGISTER

How to fill in the CR?



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REFERENCE

Guidelines for the Preparation of a Chemical Register





GUIDELINES FOR THE PREPARATION OF A CHEMICAL REGISTER

Under the Occupational Safety and Health
(Use and Standard of Exposure of
Chemicals Hazardous to Health)
Regulations, 2000
P.U (A) 131

DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH
MINISTRY OF HUMAN RESOURCES
MALAYSIA
2000

JKKP: GP (1)/4/2000 ISBN: 983-2104-07-7

DEFINITION

"Chemicals" means chemical elements, or compounds or mixtures thereof, whether natural or synthetic, but does not include micro-organisms



"Chemicals hazardous to health" means any chemical or preparation which -

- (a) is listed in Schedule I or II;
- (b) possesses any of the properties categorised in Part B of Schedule I of the Classification, Labeling and Safety Data Sheet (CLASS 2013) Regulation.
- (c) comes within the definition of "pesticide" under the Pesticides Act 1974 [Act 149]; or
- (d) is listed in the First Schedule of the Environmental Quality (Schedule Wastes) Regulations 1989 [P. U. (A) 139/89];



Reference:

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

CHEMICAL REGISTER =

List of chemicals that are hazardous to health.



Health Hazard

- Carcinogen
- Mutagenicity
- Reproductive toxicity
- Respiratory sensitizer
- Target organ toxicity
- Aspiration toxicity



Corrosion

- Skin corrosion/burns
- Eye damage
- Corrosive to metals



Exclamation Mark

- Irritant (eye & skin)
- Skin sensitizer
- Acute toxicity
- Narcotic effects
- Respiratory tract irritant



Skull & Crossbones

Acute toxicity (fatal or toxic)

CHEMICAL REGISTER FORMAT

Section A

Company information



Section B

 List of Chemicals Hazardous to Health

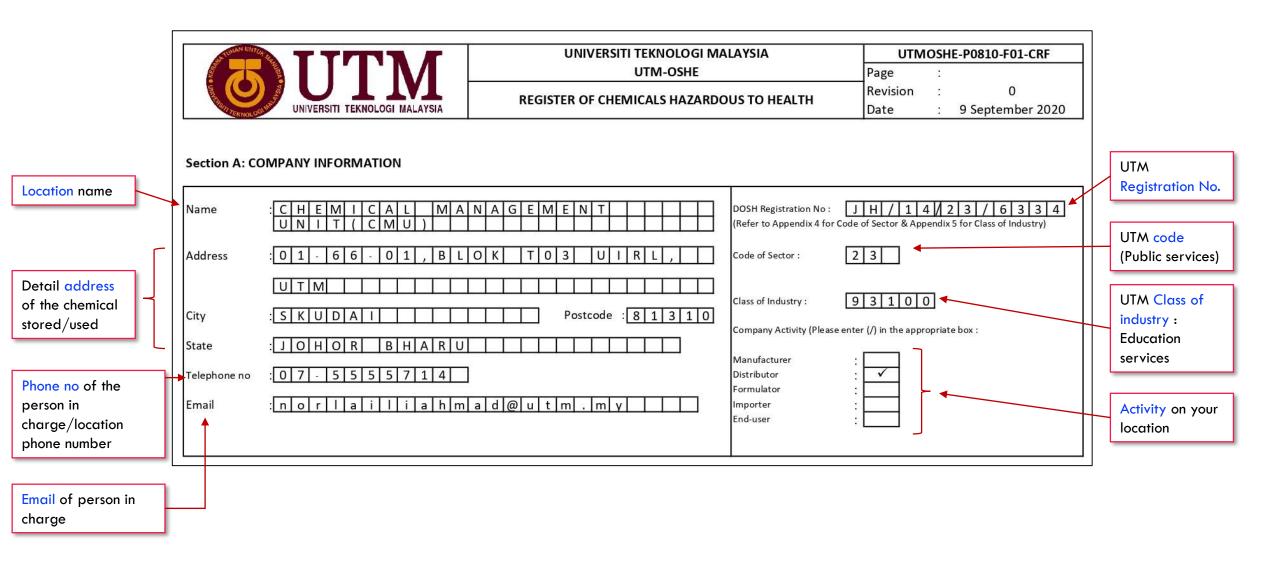


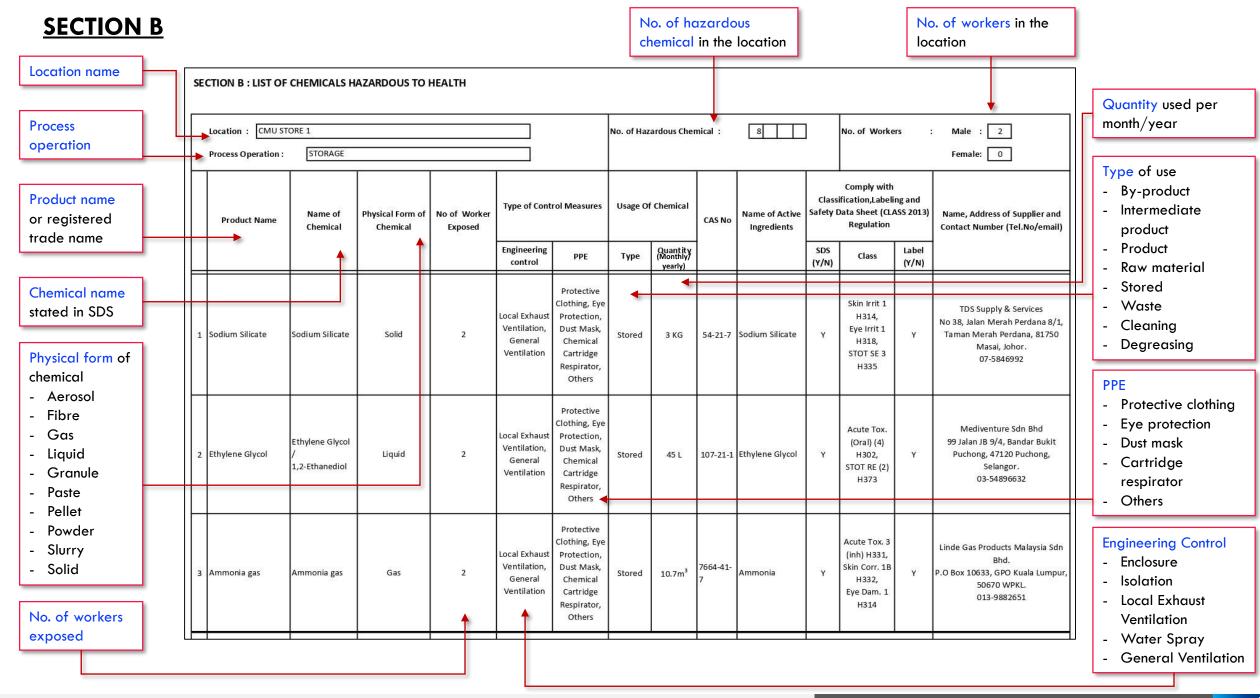
Section C

 Name of person who prepared or reviewed



SECTION A





CAS Number Name of active **SECTION B (cont)...** (refer SDS) ingredient (refer SDS) SECTION B: LIST OF CHEMICALS HAZARDOUS TO HEALTH CMU STORE 1 8 Location: No. of Hazardous Chemical: No. of Workers STORAGE Female: 0 **Process Operation:** Comply with Classification,Labeling and Type of Control Measures Usage Of Chemical Safety Data Sheet (CLASS 2013) Physical Form of No of Worker Name, Address of Supplier and Name of Name of Active **Product Name** CAS No Regulation Chemical Chemical Exposed Ingredients Contact Number (Tel.No/email) Engineering SDS Label Quantity (Monthly) PPE Type Class control (Y/N) (Y/N) yearly) Protective Clothing, Eye Skin Irrit 1 TDS Supply & Services Local Exhaus Protection, H314, No 38, Jalan Merah Perdana 8/1, Ventilation, Dust Mask, Eye Irrit 1 1 Sodium Silicate 2 54-21-7 | Sodium Silicate Taman Merah Perdana, 81750 Sodium Silicate Solid Stored 3 KG General Chemical H318,

Ventilation

Local Exhaust

Ventilation,

General

Ventilation

Local Exhaus

Ventilation,

General

Ventilation

2

2

Ethylene Glycol

1,2-Ethanediol

Ammonia gas

Liquid

Gas

2 Ethylene Glycol

3 Ammonia gas

Cartridge

Respirator,

Others

Protective

Clothing, Eye

Protection,

Dust Mask,

Chemical

Cartridge

Respirator, Others

Protective

Clothing, Eye

Protection,

Dust Mask,

Chemical

Cartridge

Respirator,

Others

Stored

Stored

45 L

10.7m3

SDS comply with Class Reg. 2013? Answer Yes or No State the classification of chemical under Class Reg. 2013 Label/Relabel of chemical follow Class Reg. 2013? Answer Yes or No Supplier details - Name - Address - Contact number

Masai, Johor.

07-5846992

Mediventure Sdn Bhd

99 Jalan JB 9/4, Bandar Bukit

Puchong, 47120 Puchong,

Selangor.

03-54896632

Linde Gas Products Malaysia Sdn

P.O Box 10633, GPO Kuala Lumpur,

50670 WPKL

013-9882651

STOT SE 3

H335

Acute Tox.

(Oral) (4)

H302,

STOT RE (2)

H373

Acute Tox. 3

(inh) H331,

Skin Corr. 1B

H332,

Eye Dam. 1

H314

107-21-1 Ethylene Glycol

Ammonia

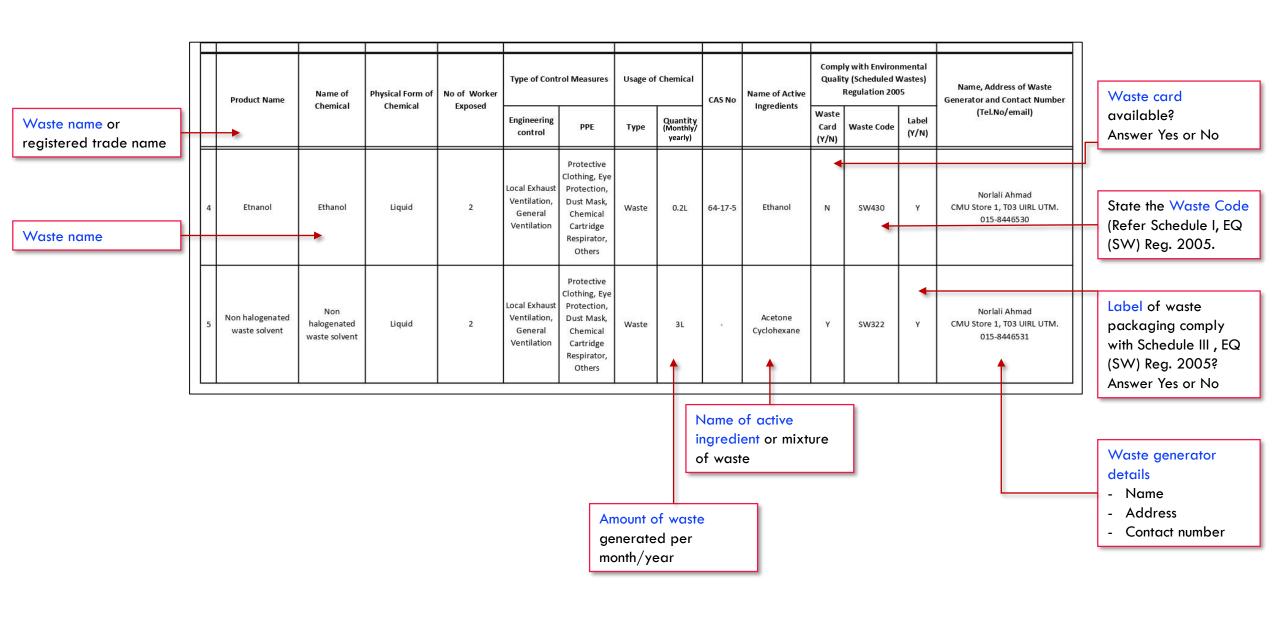
7664-41-

SECTION B (cont)....

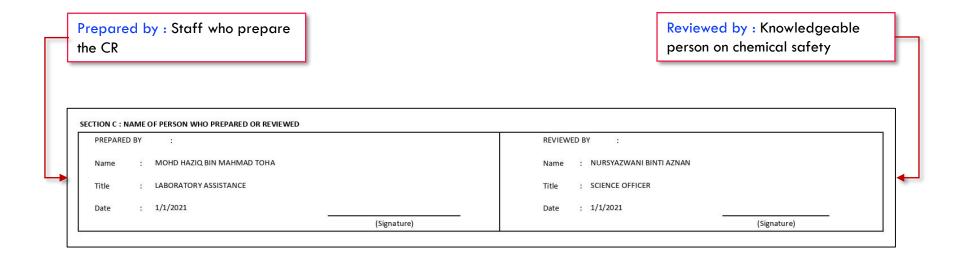
State the classification of chemical under Class Reg. 2013

Hazard Class	Hazard Category	H-Code	Classification Code	Hazard Class	Hazard Category	H-Code	Classification Code	Hazard Class	Hazard Category	H-Code	Classification Code
Acute toxicity (oral)	Category 1		Acute Tox. 1 (oral)	Serious eye damage or eye irritation	Category 1	H318	Eye Dam. 1	Reproductive toxicity	Category 1A/1B(1)	H360f	Repr. 1A Repr. 1B
	Category 2	H300/ H301	Acute Tox. 2 (oral)		Category 2	H319	Eye Irrit. 2		Category 2 Effects on or via	H361f	Repr. 2 Lact.
	Category 3	H301	Acute Tox. 3 (oral)					Specific target organ toxicity — single exposure Specific target organ toxicity — repeated exposure	Category 1	H370	
	Category 4	H302	Acute Tox. 4 (oral)	Respiratory sensitization	Category 1	H334	Resp. Sens. 1			(respiratory) (inh)	
Acute toxicity (dermal)	Category 1	H310	Acute Tox. 1 (dermal)							H370 (CNS, visual organs)	STOT SE 1
	Category 2	H310	Acute Tox. 2 (dermal)	Skin sensitization	Category 1	H31 <i>7</i>	Skin Sens. 1			H370 (nervous system)	
	Category 3	H311	Acute Tox. 3 (dermal)						Category 2	H335	STOT SE 2
	Category 4	H312	Acute Tox. 4 (dermal)	Germ cell mutagenicity Carcinogenicity	Category 1A/1B (1)	H340	Muta. 1A Muta. 1B		Category 3	H336 H372 (resp.	STOT SE 3
Acute toxicity (inhalation)	Category 1	H330	Acute Tox. 1 (inh)						Category 1	system) H372(a) H372 (CNS,	STOT RE 1
	Category 2	H330	Acute Tox. 2 (inh)		<u></u>	H341	1				
	Category 3	H331	Acute Tox. 3 (inh)		Category 2	П341	Muta. 2				
	Category 4	H332	Acute Tox. 4 (inh)		Category 1A/1B (1) Category 2	H350 H350i H351	Carc. 1A Carc. 1B				
Skin corrosion or irritation	Category 1A/1B/1C (1)	H314	Skin Corr. 1A Skin Corr. 1B Skin Corr. 1C						Category 2	H373(a)	STOT RE 2
	Category 2	H31 <i>5</i>	Skin Irrit. 2					hazard	Category 1	H304	Asp. Haz. 1

SECTION B (cont)...



SECTION C



1

