



STATE OF KUWAIT
MINISTRY OF INTERIOR
GENERAL CIVIL DEFENCE DEPT.



Preventive Measures In Case of a Potential Attack Using Chemical Weapons

General Civil Defence Dept.
publications of Safety and
security series



Preface

Citizens and Residents of Kuwait

The Civil Defense Department is pleased to present these Guidelines for you to follow in the face of any potential attack using chemical weapons.

These are the basic rules to be followed as a preventive measure to support the instructions that you will get from the media i.e. radio and television.

We would like to emphasize here the need for you to refrain from giving attention to rumors and baseless information, unless strongly supported by a reliable source, which is basically the official media.

We do urge each and everyone to follow these guidelines carefully and to pay attention to the Sirens. Provide every support possible to the Civil Defense personnel and cooperate with them at their different locations across the country.

Your volunteer work will be greatly appreciated and honored. Let us all remember in One Voice:

Towards Comprehensive Preventive Measure..
For a Safer Kuwait

General Civil Defence Dept.



Preventive Measures In The Case Of A Potential Attack Using A Chemical Weapon

Temporary Measures “limited
duration - limited effect” in the house:

1. Choose one or more rooms at the house or at work to be used as a temporary shelter against the effects of the use of chemical or biological weapons (can not be used in the case of nuclear attacks). Ensure the following specifications:

a. There is a minimum number of windows or openings or ventilation fans.

b. It is preferable to have this room at the inside area of the house I work.

c. Spacious enough to accommodate the number of persons available (i.e. 1 square meter per person at the least).

d. Central AIC (closed circuit) (to close all outlets if necessary).

2. Prepare the room:

a. AIC Outlets: Switch off the AIC and use a masking tape or a wet cloth to seal off AIC outlets to block outside air from coming in. Control the ventilation by covering the ventilation opening with a light piece of cloth.

b. Seal all openings and cracks where outside air could get in. Seal off all windows using masking tape or silicon if necessary.

c. Seal off all openings around the door to control outside air from coming in.

3. Basic provisions:

a. Provide all basic living requirements, such as ready-to-eat canned food, dried food,

mineral water, blankets, torches with extra batteries. media sources (television, radio, telephone) and a First-Aid kit.

b. Provide some warming clothes (thick), leather clothing, and coats made of thick plastic such as raincoats together with rubber boots and rubber gloves for the whole family.



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c. Provide botanical charcoal to absorb the gases, in addition to towels and sheets (to use as wet if needed). Place them at the top and bottom openings of doors. Use cotton-wet towels to seal off openings at the time of the attack.

4. Precautionary Measures:

a. Make sure to seal water sources tightly, specially water tanks on house rooftops, to avoid pollution.

b. Keep drinking water inside tightly sealed containers (such as bottles and thermos).

c. Tightly seal food containers with proper sealers (such as sealing wrappers).

d. Ensure total cleanliness, when using food and drinks, under the circumstances.

e. Listen to the radio or the television for instructions and information transmitted by Civil Defense Department.

f. Give attention to awareness and information programs and follow instructions on decontamination procedures.

g. DO NOT listen to rumors and use reliable resources such as the government.





GENERAL GUIDELINES

At the time of the Attack

Follow These Safety Measures upon Hearing the Siren or when learning From the Radio or Another Media Source That the Enemy Had Used A Chemical Attack:

For temporary and limited effectiveness protection (inside the house):

1. Keep calm and think clearly.
2. Move immediately to the safe area (the designated room) with your family members.
3. If you do not have sheets available: cover the mouth and nose with a wet towel for 15 minutes.
Change the towel with another and hold your breath during the change of towels.
4. If you do not have protective clothing: wear thick clothes and cover with water-resistant such as leather or raincoats.
5. Wear rubber boots or other kinds of boots and rubber gloves.
6. Switch off the air conditioner and close the ventilation openings before getting into the safe area.
7. Listen carefully to instructions of the Civil Defense, on the radio or television; in order to determine the name of the gas used and to learn the treatment needed in this case. Do not keep calling the Operations Room (777) unless extremely important.
8. Do not leave your safe area unless the Civil Defense announces that it is safe to do that. Follow the instructions transmitted with this announcement.
9. Ensure tht everyone in the house is safe. Call the emergency in critical cases.
10. Do not come near to any oil spots, birds or animals.
11. Continue to listen to the instructions and announcements made by the Civil Defense.



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For temporary and protection “inside the car”:

* Tightly close the doors, the windows, and all other openings. Switch off the air conditioner and move to the nearest shelter “if any”; or move far from the attacked area, if you were near. Move away from the direction of the wind (if you know about it from the radio for example). If you were far from the affected area and near to an open space, move towards it and wait for further instructions on the radio.

* Put on your mask immediately, if you have.* If you found a shelter, leave the car and move towards it.

* Give way to the emergency teams to do their work.

When the danger is over:

1. Ensure the safety of all persons staying in the temporary shelter.

2. Watch out for the situation out on the street to make sure that there are no signs of a continuing chemical attack. Follow the instructions announced through government source regarding weather conditions at your area.

3. Take a warm shower at 40 C using normal soap, and Dettol if available.

4. Keep an eye on your family members. Detect any unusual signs. Contact the ambulance at once if you observe any changes.5. Continue with your life routine as usual and listen to the media for updates.

6. Keep the room as it is. Remove the wet clothes and the masking tape and switch on the A/C.





GENERAL GUIDELINES

1. Household solutions such as soda water and bicarbonates help remove the chemical agent from the body.

2. Commercial charcoal cannot be used to protect against Weapons of Mass Destruction (mass attack). This kind of charcoal is hazardous to personal and public health if used in these cases.

3. Military masks that are used as part of the protection gear (filter.. etc) is made for military personnel and can not be used for civilians for the following reasons:

a. Requires adequate training on how to use it.

b. Life threatening if used in the wrong way.

c. The filter is designed to withstand pollution for long durations, which is not an adequate measure for civilians who should not stay in the polluted zone for too long.

d. Military personnel are trained on survival skills and conducting self-treatment methods against chemical agents and others, which is not the case for civilians.

e. The mask and the filter (for civilians) is not considered an overall protective gear if

exposed directly to the agent. Must cover the whole body with thick plastic layers or other protective materials.

f. These protective materials are good only for a limited period of time. Must try to leave the attacked area and seek refuge in a safer place.

g. Persons who are located at the opposite direction of the wind direction are not considered at immediate danger as others who are on the other side.



SIRENS

Tone & Frequency

Sirens had been installed at vital areas around the State of Kuwait and at major installations.

Sirens give out three main tones, each has a different signal. Citizens and residents alike must be made aware of the tones and their signals and must learn to strictly follow the instructions in case a Siren is announced:

1. Interrupted Signal: warns of an approaching danger:

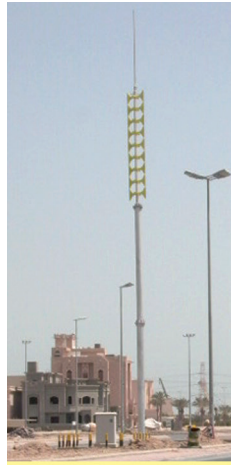
When you hear this tone, you must:

- a. Keep calm and do not panic.
- b. Close the gas and electricity and keep all flammable sources in a safe place.
- c. Do not use the elevators.
- d. Move down to the ground floor.
- e. Move towards the closest shelter or a basement.
- f. Follow the instructions by listening carefully to instructions aired on the radio or televisions.

2. Curved /Wavy Signal: warns of an occurring danger:

When you hear this tone, you must;

- a. Switch off all the lights starting from the light overlooking the outside moving towards the inside.
- b. Keep away from doors and windows.
- c. Use hand held lights when moving around the place.
- d. Remain inside and do not leave your place until you hear the (All is Calm) tone.





3. Non-Stop Tone: signals Safety (All is Calm):

When you hear this tone, you must;

- a. Check everyone around at the house, shelter or hide-out.
 - b. Keep away from damaged areas and give way to Civil Defense and Emergency Personnel to do their job.
 - c. Do not pick up any objects from the ground even if it looks familiar to you, which could be booby traps (pens, cigarette lighters, eye catching object). Report that to the authorities.
 - d. Do not listen to rumors and refrain from repeating them. This is the weapon that your enemy uses to demoralize your spirit.
 - e. Listen to the media to get further instructions.
- Ensure your own safety and the safety of all around you.



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CIVIL DEFENSE CENTERS Contact Numbers

CENTER	ADDRESS	TELEPHONE NUMBER
Emergency Civil Defense Fire Department Ambulance Police	Ministry of Interior	112
Civil Defense Operations	Sixth Ring Road	1804 000

SHELTERS LOCATION

Governorate	Area	ADDRESS
Capital	Qortoba	Qortoba High School for Girls
	Faiha	Faiha Middle School for Girls
	Al-Doha	Al-Doha High School for Boys Opposite the Coastal Road
Hawalli	Jabriyya	Salah Al-Deen High School for Boys
	Meshref	Saleh Shehab High School for Boys
	Al-Rumaithiyya	Urn-Salama Middle School for Girls
	Al-Jaharra	Hussein Al-Emam School for Boys
Al-Jaharra	Al-Jaharra	Al-Nur bint Malek Hi-School for Girls
	Al-Jaharra	Khaled bin Saied Hi-School for Boys



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SHELTERS LOCATION

Governorate	Area	ADDRESS
Al-Jaharra	Al-Jaharra	Zainab binMohamed bint Abdullah Hi-School for Girls
Al-Ahmadi	Al-Sabahiyya	Al-Sabahiyya Hi-School for Boys
	Jaber Al- Ali	Abdullah Al-Ahmed Hi-School for Boys
	Al- Ahmadi	Fatima bint Assad Hi-School for Girls
Al-Farwaniya	Al-Rabiyya	Mershed Saad Al-Bazal Hi-School for Boys
	Khaitan	Anas bin Malek Hi-School for Boys Police Station Street
	Khaitan	Saleh Abdullah Al-Roweih Hi-School for Boys Block 5
Mubarak Al-Kabeer	Al-Qurain	Tolaitelah Hi-School for Girls
	Sabah Al-Salem	Sabah Al-Salem Hi-School for Boys
	Al-Qurain	Soliman Al-Adsani Hi-School for Boys