

Is Kuwait prepared for a Nuclear Biological or Chemical incident?



**Presented by GM Int'l
Consultants-Kuwait**

Is there a workable plan in place for your family? For your business?



Early preparation and training can make all the difference in saving our family and our people.

Imagine the impact on our Kuwaiti Society

If asked today, how many of our family, friends and colleagues at work would say they are prepared for a dangerous incident happening in our community?



What would most people do today if an incident were to happen in Kuwait?

- Stay in their homes or offices
- Wait for police or military help
 - Pray for their safety
- Call for help on a telephone system already overloaded from calls
 - Try to drive out of the area or find a secure area
 - Try to alert their family and friends of the situation
- Try to get news and information on what is happening and what to do

Almost all family homes are completely unprepared



- Water & Food storage
- Safe storage procedures
- Medical supplies-training
 - Basement or shelter
 - Decontamination
- Necessary information
 - Cooking-cleaning-sanitation
- Air filtration-Gas masks

More on being prepared

- Ability to purchase fuel for your vehicles may be impaired or non-existent
- Community power systems may not be working or impaired
- Banking and commercial purchase stores may be incapacitated
- The community will be in a state of great fear and anxiety
- Community hospitals may be overcrowded due to casualties
- Airport and travel venues will be closed down or restricted severely
- Personal medical needs may not be able to be met by the medical community or local pharmacy
- Uncontaminated food and water may not be available

Are we at risk from our neighbors?

What about our neighbors that are at war or about to be involved in war?

Do these neighbors present any threat to our community and the welfare of our society?

Risks from Iraq and Iran?

- **With the current situation of war and terrorism in Iraq and the possibility of the United States intervening in Iran, the potential problems with fallout-chemicals entering Kuwait is significant. There is also potential that an incident may take place in Kuwait as a result of terrorism. Are we prepared?**

Kuwait can be directly or indirectly involved



Fallout and overflow of war operations from neighboring Iraq

Potential fallout from a possible U.S. invasion into Iran

Iran has over 11,000 missiles aimed at U.S. bases and assets

Problems with potential war between Turkey and Northern Iraq

Potential civil war in Iraq

GM Int'l Consultants-Kuwait suggests a plan



All things in life work better when proper planning is accomplished early on.

We at GM Int'l Consultants hope to help you plan for your safe and protected future.

GM Int'l Consultants-Kuwait can provide assistance



- Training for family and business
- Medical supplies for home and office
- Conversion of basement into a shelter
- Installation of a new certified shelter
- Air filtration units and gas masks, radios
- Building of shelters at home or at the office
- Proper storage of water and food
- Sanitation for home and shelters and much more from GMI

GM Int'l Consultants-Kuwait “Our Intent”



Our intent is to provide the necessary products and training to help your family and friends survive during an emergency, due to fallout from neighboring countries or a serious incident occurring in Kuwait or close by off-shore

GM Int'l Consultants-Kuwait “Our Promise”



At GM Int'l Consultants-Kuwait, we are your neighbors and we live in Kuwait. We promise to give you the same support, training and safety products as we give our own families.

We promise to take the time necessary to help protect you and your family with the latest and best equipment and or products that can be obtained by our staff.

We are your friends and are in the service of protecting you and your family.

Please take a moment to consider what we have to offer and what we are trying to provide for you, your family and colleagues

- Superior products fully tested and certified
- Recommendations by knowledgeable and professional staff
- Medical consultation from our company doctor upon request
 - Security consultations by our professional security staff
- Complete home or office packages or individual products available
 - Shelters, air filtration equipment, gas masks, special products
 - Decontamination training and products
 - Communications equipment and training

**If there is an incident,
Where will you be? How will you react?**



GM Int'l Consultants-Kuwait can supply:

Rakan Tower



- Family food supplies for one year or more
 - *Shelf life on foods is over 15 years*
- 100 percent American grown and packed foods
- Food used by many U.S. Federal Agencies
 - Home back up emergency generators
 - Solar power kits
 - Wind power kits

GM Int'l Consultants-Kuwait can supply:

- Wind turbine power kits
- Armored cars
- Gas masks, NBC suits, Avian bird flu masks and suits
 - NBC shelters for home and office
 - Hepa filtration systems for home and office
 - Bullet proof vests and body armor
 - Safe room-smart room shelters



GM Int'l Consultants-Kuwait can supply:

- Medical kits for emergency
- Water filtration systems
- Biohazard disinfectants and protection supplies
- 4X4 Motor home escape vehicles



Example of GMI “72 hour emergency pack for 5”

- Adult Size Backpack (Nylon)
- Light Stick, 12 Hour (Green)
- Plastic whistle with Lanyard
- 33 Piece First Aid Kit
- Duct Tape, 50 yards
- 14 in 1 pocket tool
- 3-way Can Opener, 1 pair
- Non battery Radio/Flashlight
“shake flashlight to activate”
- 5x Solar Blanket



- 5x 2400 Calorie Food Ration (5 year shelf life)
- Water Pouch x 50 (5 year shelf life)
- 5x Emergency Poncho
- 5x N95 Respirator mask
- Bio Hazard Bag x2
- Work Gloves, Leather Palm
- Waterproof Matches, box of 50
- Slow Burning Emergency Candles
- 2 Gallon Water Bag

Example of GMI “Office Emergency Pack”

- Emergency Tote Case
- 20 each 2400 Cal Food Rations
- 20 each 25 oz. Water Packs
- 20 each Solar Blankets
- One Tube Tent
- 2 Work Gloves (pair)
- 50 each Germicidal Tablets
- 12 each Toilet Liners
- 20 each Wet Towels
- 2 each no battery radio/flashlights
- “Shake radio/flashlight to activate”



- 50 Waterproof Matches
- One each AM/FM Solar Radio
- 6 each 12 Hour Light Sticks
- 1 each “123 Piece First Aid Kit”
- 1 each 5 pack of Candles
- 10 Latex Gloves (pair)
- 2 Packs of Toilet Chemicals
- N95 Respirator masks (optional)
- Bio Hazard Bags (optional)

GM Int'l Consultants-Kuwait

Nuclear Biological Chemical

**Early Planning means
more security for all**

Fallout from many sources

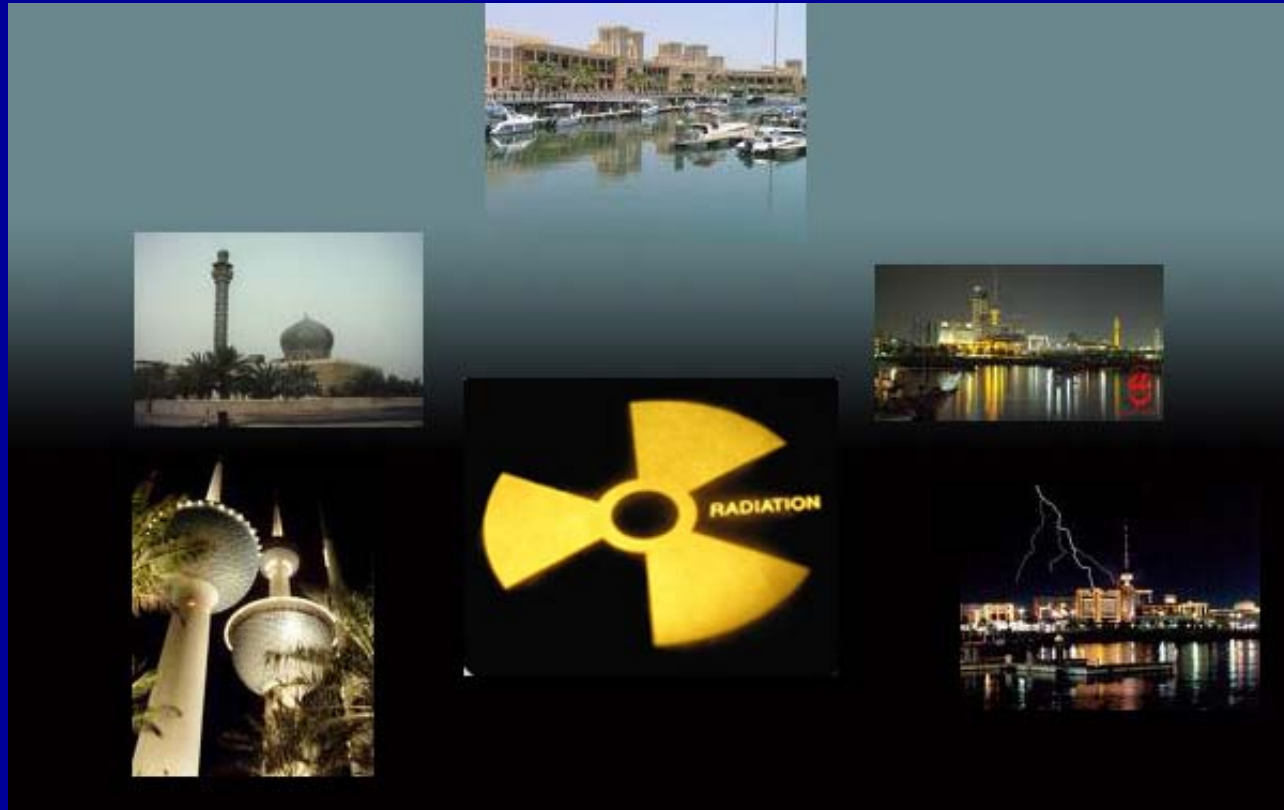


Kuwait Security



**GM Int'l
Kuwait**

Is Kuwait prepared for potential disaster?



What can we do to prepare?



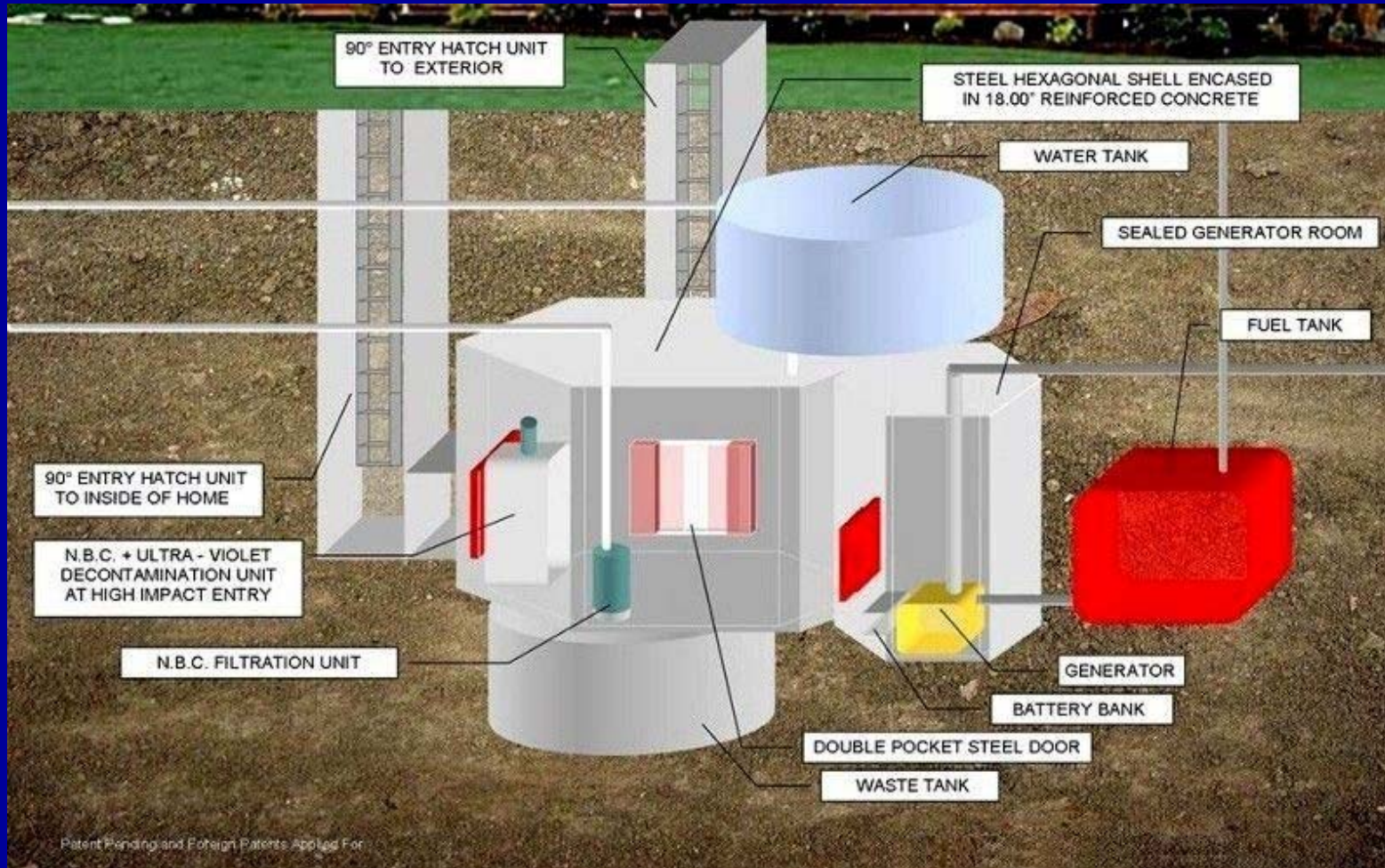
GM Int'l Consultants-Kuwait asks
you to consider the following
shelters and safe rooms for your
home and office.

Underground Safe Room Simulation



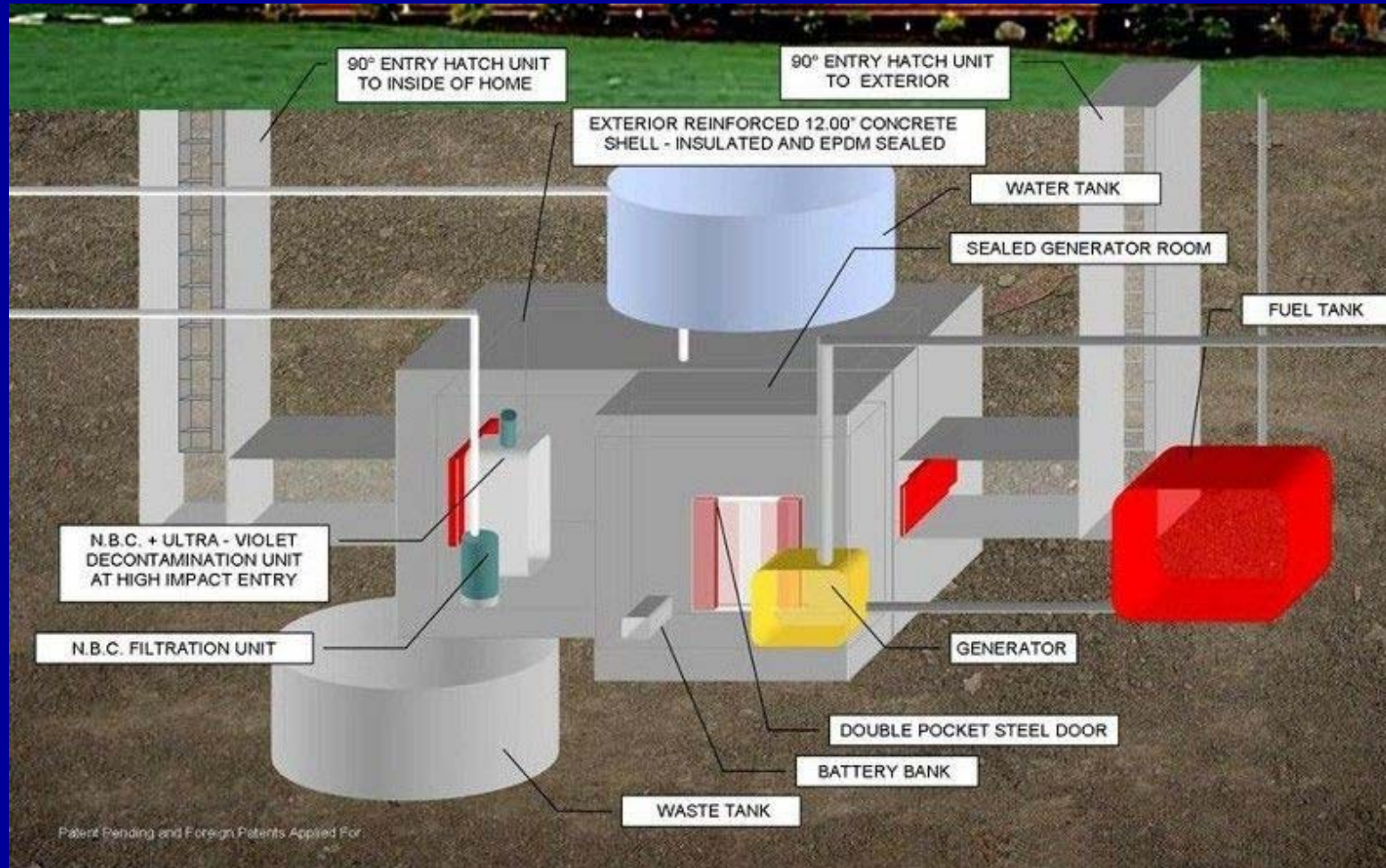
Hexagonal Modules can be added to make the safe room or shelter larger or smaller.

Full shelter for Nuclear Biological Chemical-1



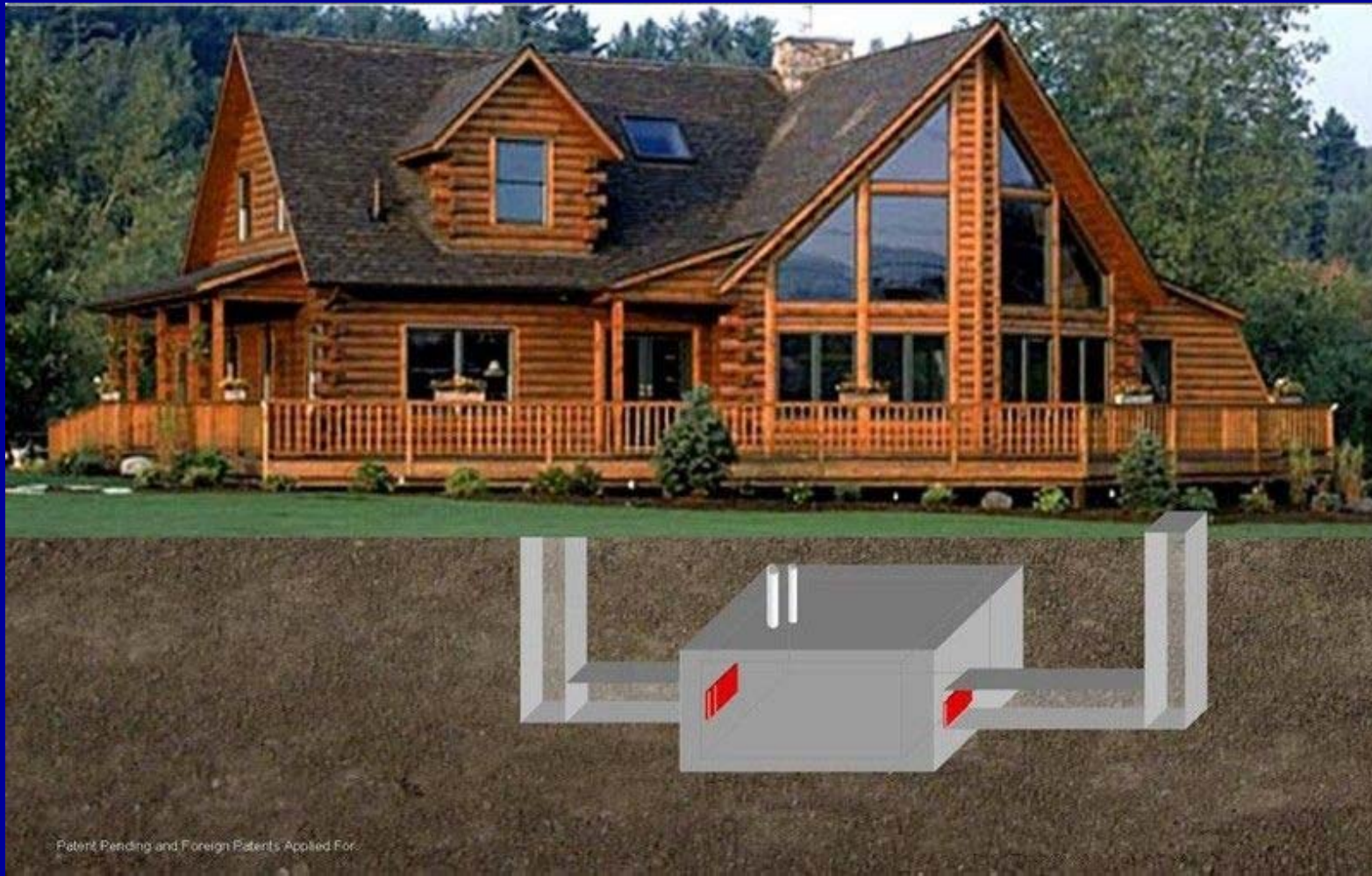
Modules can be added to increase the size of the shelter as needed

Full shelter for Nuclear Biological Chemical-2



This entire unit can be built below ground at your home or office.

Rectangular Shelter-Safe room simulation



A smaller safe room or shelter for the home or office.

Honda Powered Generators for Home and Office

Emergency Power Generation



A heavy duty portable generator for home and office use

In sizes 3 KW thru 12.5 KW, with Honda overhead valve engines

GM Int'l Consultants-Kuwait can provide solar power packages for your home



Potassium Iodide for Thyroid protection

“Must be taken immediately for nuclear fallout”

Potassium Iodide is extremely important to protect the thyroid in case of a nuclear detonation or dirty bomb or nuclear fallout of any kind.

All countries either currently stockpile potassium iodide at this time or are in the process of obtaining it.

We can supply it and allow it to be kept at home in case of an emergency.

Please see the following pages for comments about Potassium Iodide from other sources.

What do the experts say about potassium iodide?

American Academy of Pediatrics

[April 3, 2003 News Release](#) - *"The American Academy of Pediatrics (AAP) recommends that households within 10 miles of a nuclear power plant keep potassium iodide (KI) on hand to protect the thyroid in the event of an accidental or intentional release of radioactive iodines ("radioiodines") into the environment. Schools and child care facilities within the same radius also should have immediate access to KI. It may be prudent to consider stockpiling KI within a larger radius because of more distant windborne fallout".*

World Health Organization

In 1999 the World Health Organization (WHO) updated their [Guidelines for Iodine Prophylaxis Following Nuclear Accidents](#). Quote - *"Stable iodine administered before, or promptly after, intake of radioactive iodine can block or reduce the accumulation of radioactive iodine in the thyroid. Intake of radioactive iodine by inhalation begins when the radioactive cloud arrives at a location and continues during the passage of the cloud. Action to implement stable iodine prophylaxis, and thereby reduce the dose to the thyroid, will be required promptly".*
WHO 1999 This link opens as a .pdf file so you will need Acrobat Reader installed on your computer to view it.
You may download this handy program for free by clicking [here](#).

What do the experts say about potassium iodide?

FDA

In December 2001, the Food and Drug Administration released their final guidance on [Potassium Iodide as a Thyroid Blocking Agent in Radiation Emergencies](#). Quote - "FDA maintains that KI is a safe and effective means by which to prevent radiiodine uptake by the thyroid gland, under certain specified conditions of use, and thereby obviate the risk of thyroid cancer in the event of a radiation emergency". FDA December 2001

The American Thyroid Association

In November 2001, The American Thyroid Association endorsed the usage of [Potassium Iodide for Radiation Emergencies](#). "The American Thyroid Association endorses the federal Nuclear Regulatory Commission's December 2000 action requiring states and the Federal Emergency Management Agency to look into having potassium iodide (KI) stockpiled and available for populations at risk for exposure to radioactive iodine from a nuclear emergency." - ATA November 30, 2001

"A radius of 20 miles [KI distribution around nuclear plants] is required by the Bioterrorism Act of 2002 (P.L. 107-188) but this is much too restricted in light of the Chernobyl experience". - In response to the [National Academy of Sciences Study of Strategies for KI Distribution and Administration](#).

Emergency Kit for your health

GMI Consultants-Kuwait is proud to offer the emergency kit:

4 packs of Iosat Potassium Iodide

1 bottle of ThyroShield Potassium Iodide

1 8oz bottle of IodowashTM

4 Super Absorbent Rad Wipes

1 Rad-Waste bag

1 pair disposable vinyl gloves

3 Radiacwash Towelettes

Instructions

Complete protection from radioactive iodine I-131 during a nuclear radiation emergency

- Everything needed to protect yourself and your family from radioactive iodine released from a nuclear reactor or nuclear bomb detonation.
- Each pack of FDA approved [Iosat](#) will protect an adult for 2 weeks or a child from 4 to 16 weeks (see [Iosat package insert](#))
- FDA approved [ThyroShield](#) will protect an adult for 2 weeks or a child from 4 to 16 weeks (see [ThyroShield package insert](#))
- [Iodowash](#)TM decontaminates radioactive iodine from all surfaces and is gentle enough for use on intact skin. Iodowash decontaminates by chemically binding the radioactive halogen to a small resin sphere (0.6 to 1.2 mm) which can easily be wiped up. Typically a single use will remove up to 100% of the contamination. Although chemically designed to decontaminate I-131, I-125, and I-123, it is equally effective for F-18 and other halogens.
- [Decontamination Rad-wipes](#) with white absorbent side and bright-orange plastic backing prevent leakage of decontamination fluids to hands, gloves, and countertops. Super absorbent - holds up to 25 times its weight.
- The [Rad-Waste bag](#) ensures safe handling and disposal of radioactive clothing/gloves/wipes. Imprinted with standard radiation symbol on yellow color bag. Tie-wrap included.
- [Radiacwash Towelettes](#) are individually packaged and remove radiation from hands and small objects.
- [Iosat](#), [ThyroShield](#) and [Iodowash](#) can be purchased separately.

14 Day Potassium Iodide tablets Pack

- FDA Expiration date: February 2014

- FDA approved in 1982

- 14 130mg (KI) tablets per pack (small "baby-aspirin" sized)
- Individually foil sealed for single unit storage and dosing
- 14 day protection for adult (1 tablet each day of exposure)
- 28+ day protection for child (double-scored for exact dosing)
- One pack per person recommended by FDA
- No prescription required - OTC



Potassium Iodide Comparison

|  GM Int'l Kuwait | FDA Tested and Approved | FDA Guaranteed Shelf-life | Individually Foilsealed Max Strength Table | Ready-to-use Liquid w/dropper | Millions Purchased by US Gov't | Made in U.S.A. |
|--|-------------------------|---------------------------|--|-------------------------------|--------------------------------|--|
| IOSAT™ | yes | 7 years | yes | no | yes | yes |
| ThyroShield™ | yes | 5 years | no | yes | yes | yes |
| ThyroSafe™ | yes | 4 years | no | no | no | no |
| KI03 (Iodate) | no | no | no | no | no | Unknown: Not Regulated by FDA |
| KI4U | no | no | no | no | no | |
| Life Extension | no | no | yes | no | no | |
| No-Rad | no | no | no | no | no | |
| Nuke Protect | no | no | no | no | no | |
| Pro KI | no | no | no | no | no | |
| Rad Block | no | no | no | no | no | |

*ThyroShield*TM Potassium Iodide Liquid drops for children



- **FDA approved in 2005**
- 30ml Liquid Potassium Iodide w/ dropper
- Black Raspberry flavored for easy child dosing
 - 15 day protection for adult
 - 30+ day protection for child
- One bottle per person recommended by FDA
- No prescription required - OTC

RadDetect™ PRD 1250 Personal Radiation Detector



Extremely small sized
radiation detector that can
fit on car keys ring

Iodowash™ Kit

Radioactive Iodine Decontamination Solution

For I-131, I-125, I-123 and equally effective for F-18 and other halogens



- Used for decontamination of radioactive iodine from nuclear reactor release, nuclear bomb fallout and medical facilities.
- Iodowash™ is ideal for hospital I-131 therapy rooms. Return your room to background levels as soon as your patient leaves. No waiting for decay.
- Iodowash™ decontaminates all surfaces and is gentle enough for use on intact skin.
- Iodowash™ decontaminates by chemically binding the radioactive halogen to a small resin sphere (0.6 to 1.2 mm) which can easily be wiped up. Typically a single use will remove up to 100% of the contamination.
- Although chemically designed to decontaminate I-131, I-125, and I-123, it is equally effective for F-18 and other halogens.

Emergency RadDecon Kit™ Radiation Decontamination Solutions

Significantly removes radioactive material from human skin and other surfaces
including Polonium



- A revolutionary scientific product for radiation decontamination. Now, scientifically-formulated products used by nuclear power plants and nuclear waste facilities are available to first responders and the general public.
- For the first time, using one easy Emergency RadDecon Kit™, you can safely, quickly, and significantly remove radioactive material from yourself and from other surfaces using the supplied Quick Decon Mass Effect Solutions™.
- Decontaminate yourself, your family and your important possessions in the event of a radiation emergency.
- Price may change, please request latest price.

Emergency RadDecon Kit™

Radiation Decontamination Solutions

Significantly removes radioactive material from human skin and other surfaces

Contents

Your Emergency RadDecon Kit™ consists of the following items:

- Our proprietary and patent-pending Quick Decon Mass Effect™ solutions for Radiation Decontamination. These water-based liquids come in convenient-to-use color-coded 32 oz. bottles with accompanying trigger sprayers (2). Our solutions are made from cosmetic-grade, FDA-approved materials and are not radioactive before use.

One quart (32 fl oz.) for transition metals (BLUE LABEL) such as Cobalt, Cesium, Strontium and Thallium.

One quart (32 fl oz.) for actinides (YELLOW LABEL) such as Uranium, Plutonium, Technetium and Radium.

- Extra empty plastic bottle for filling with regular water for final wash down and rinse (with accompanying trigger sprayer).
- Synthetic gloves for use during decontamination process (3 pair).
- Specialized Rad-Wipes (45 per package).
- Rad-Waste Trash Bags (2).
- Caution Labels (4) (Radioactive Material) for use with Trash Bags.
- Instructions for Use conveniently displayed on inside lid of case.
- MSDS Data Sheets (in manual, one for Each Solution - Color Coded)
- A convenient and sturdy hard-plastic carrying case easily identifiable as an Emergency RadDecon Kit™ by its yellow and red color scheme.]
- A complete Instruction and Information Manual. PLEASE REVIEW ALL ENCLOSED MATERIALS CAREFULLY BEFORE USING OUR PRODUCTS.

GM Int'l Consultants-Kuwait

We are your one stop Training, Supply and Consulting source for all the products required to make your home and family or office as safe and secure as possible from the effects of Nuclear, Biological and Chemical incidents.

- Consulting Services for the home and office
- Full line of supplies for all types of incidents
- Food & Water supplies for family and office
- Medical, tools, water purifiers, solar packages, wind power packages
 - Decontamination supplies and training
- Radios, communication equipment, security equipment with or without batteries
 - Evacuation and protection plans, services and security personnel

GM Int'l Consultants-Kuwait

We at GMIC-Kuwait thank you and await the pleasure of providing our excellent service to you.

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