

STANDARD SUPPLIES FOR THE FALLOUT SHELTER

GENERAL

The information listed on the following pages is for guidance in handling and placing of shelter provisions and equipment. The further development of packaging and material will cause this paper to be amended as development dictates.

Supplies are planned to attain a shelf life of five years. Office of Civil Defense will institute in-storage quality control techniques on a statistical sampling basis to monitor provision and packaging effectiveness. Local Government Civil Defense Director should assign responsibility for operational checks of the radiological defense instruments (in the Radiological Monitoring Kit) to a trained radiological defense monitor.

All packages, except the water container fiber drum and the package of polyethylene plastic bags for insertion into the fiber drum, are ready for placement in the shelter and should not be opened. The water container drum and the package of polyethylene plastic water bags are to be opened in or near the shelter for filling. Note that the fiber drum, with its bag liner, is a storage container and not a shipping container.

When stacking supplies in the shelters place the heaviest packages, namely the water containers, on the bottom of the stack with other supplies on top.

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TO SHELTER MODULE

ANNEX E

SANITATION

1. ITEM

Sanitation Kit

2. NO. OF PERSONS SUPPLIED

The Sanitation Kit, with the emptied water containers, together, supply the chemical toilets and sanitary supplies for 20 persons for 14 days of shelter occupancy.

3. SIZE AND WEIGHT

The kit is packed in a fiber drum, 16 inches in diameter by 21 inches high and weighs 22 pounds, 3.26 cu. ft.

4. DESCRIPTION OF CONTENTS

Sanitation kit contains:

- 1 ea. polybag liner
- 5 pints toilet chemical
- 1 ea. privacy screen
- 1 roll twine
- 6 ea. wire ties, plastic covered
- 20 rolls toilet paper
- 1 ea. can opener
- 6 ea., 50 tablet bottles Globoline water purification tablets
- 1 ea. toilet seat
- 1 pr. polyethylene plastic gloves
- 20 ea. quart polyethylene, screw top water canteens (empty)

Instructions for operation of the sanitation kit are inside the container on the top of the pack. The water container, after the water is consumed is converted to a sanitary commode, as follows:

- Slit water bag open at top
- Spread mouth of bag over top of water drum
- Place toilet chemical, 1 pint, in container
- Place toilet seat
- When toilet is at capacity close mouth of bag using poly gloves to protect hands, then secure top of bag with wire tie.
- Replace drum cover on drum

Note that the Sanitation Kit package with empty bag supplied also converts to a sanitary commode.

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The privacy screen is a sheet of opaque plastic 5 feet by 8 feet, which can be rigged in the shelter utilizing the twine supplied.

The individual one quart canteens allow rationing to each shelter occupant his daily water ration. The water ration is dispensed from the 17.5 gallon water container.

GloboLine water purification tablets, military specifications, are included in the sanitation kit. One tablet per quart of water is placed in the canteen before canteen is filled as a precautionary measure. Instructions for use of GloboLine water purification tablets are printed on the label on the bottles.

5. HANDLING

Sanitation kits have no practical limit on stackability (drum has a 3000 pound test performance). Kits should be warehoused or placed in shelter so that labels can be read easily.

SANITATION

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RADIOLOGICAL MONITORING
KIT

1. ITEM

Radiological Monitoring Kit

2. PERSONS SUPPLIED

Radiological Monitoring Kit I 50 to 99 person shelter
Radiological Monitoring Kit II, over 100 person Shelter

3. SIZE AND WEIGHT

Radiological Monitoring Kit I 14" x 10" x 10 3/4", .95 cu. ft. 15 lbs.
Radiological Monitoring Kit II 22" x 10" x 10 3/4", 1.31 cu. ft. 20 lbs..

4. The Radiological Kit I contains one instruction manual and necessary batteries in the kit, and

1 CD V 710
2 CD V 740
1 CD V 730
1 CD V 750
1 CD V 700
1 CD V 787, all packed in a fiberboard box for storage as a unit.

The Radiological Detection Kit II contains instructions manual plus necessary batteries and

2 CD V 710
4 CD V 740 or 742
1 CD V 730
1 CD V 700
1 CD V 750
1 CD V 787, all packed in a fiberboard box for storage as a unit.

5. HANDLING

The Radiological Detection Kits are fragile; the stackability is not to exceed six boxes, in the warehouse. Do not stack in the shelter since the Radiological Kit must be accessible for maintenance.

RADIOLOGICAL MONITORING
KIT

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FOOD

1. ITEM

Food package, biscuit, survival. This is a wheat flour based biscuit similar in taste and appearance to a graham cracker.

2. PERSONS SUPPLIED

The food package supplies seven persons with 10,000 calories of food each.

3. SIZE AND WEIGHT

17 inches x 17 1/2 inches x 13 inches fiberboard container, 2.27 cu. ft., 47 lbs.

4. DESCRIPTION

Each food package consists of six cans of biscuits packed in a fiberboard container. Each can contains six pounds of biscuits, (or 390 biscuits) and each 2 1/2 inch x 2 1/2 inch biscuit contains 30 calories.

5. HANDLING

The food package may be put in general storage. Care should be taken to stack for readability of labels. No limitation to stackability for the same items.

FOOD

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MEDICAL

1. ITEM

Medical Kits

2. PERSONS SUPPLIED

Medical Kit A - 50 persons
 Medical Kit B - 100 "
 Medical Kit C - 300 " (This is a paramedical kit)

3. SIZE AND WEIGHT

Medical Kit A - 19" x 15" x 13" Container, 2.5 cu. ft. 26 pounds
 Medical Kit B - 22" x 20" x 16" " 4.3 " " 49 "
 Medical Kit C - 27" x 25" x 25" " 9.4 " " 128 "

4. DESCRIPTIONS

The Medical kits contain the following items:

<u>MEDICATION</u>		<u>KIT</u>			
		<u>A</u>	<u>B</u>	<u>C</u>	
Aspirin	5 Gr/100 ^s	5	-	-	
Alum. Hydroxide Gel. Dried Tablets	5 Gr/100 ^s	1	2	6	
Ammonia Inhalent	1/300 10 ^s	1	2	6	
Bismuth Subcarbonate Tablets	5 Gr/100 ^s	1	2	6	
Calamine Lotion	2 oz.	1	2	6	
Cascara Sagrada Ext. Tablets	4 Gr/100 ^s	1	2	6	
Pentobarbital Sodium Tablets	1 1/2 Gr/500 ^s	-	-	3	
Soap Surgical		2	4	6	
Sulfadiazine Tablets	7 1/2 Gr/1000 ^s			1	
Eugenol	1 oz.	1	1	2	
Aspirin	5 Gr/1000 ^s	-	1	3	
Lubricant, Surgical Jelly	4 oz.	2	4	12	
Tetracaine, Ointment	5% 1 oz.	1	2	6	
Penicillin G Tablets USP	250,000 Units	-	-	12	
Isopropyl Alcohol USP	1 Qt.	1	2	6	
Chlorpromazine Hydrochloride Tablets	25mg 50 ^s	-	-	2	
Ear Drops		1	2	4	
Elixir Terpin Hydrate	4 oz.	8	16	48	
Eye and Nose Drops	1/2 oz.	2	4	12	

MEDICAL

<u>DRESSINGS</u>		<u>A</u>	<u>B</u>	<u>C</u>
Bandage, Gauze Rolls 2" x 16 yards	12 ^s	1	2	6
" , Muslin 37 x 37" x 52" Trian.		1	2	6
Cotton, Purified	1 oz.	4	8	24
Adhesive Plaster Surgical 3" x 5 yards		1	2	6
Pad, Gauze " 4" x 4"	200 ^s	1	2	6
Pad, Sanitary, Heavy	12 ^s	5	8	24
Bandage, Absorbent, Adhesive 3/4" x 3:	100 ^s	1	2	6
<u>OTHER</u>				
Applicator, Wood, Cotton Tipped end	100 ^s	1	2	6
Depressor, Tongue, Wood	100 ^s	1	2	6
Forceps, Splinter, Tweezer		1	1	2
Thermometer, Human, Clinical, Oral		2	4	6
" " " , Rectal		1	2	4
Pin, Safety, Medium	12 ^s	6	12	36
Syringe, Fountain, Plastic & Attachments		1	1	1
Scissors, Pocket 4" Overall		2	4	6
Belts, Sanitary		10	20	50
OCD Medical Self Help Manual		1	2	6
HEW-PHS Instr. to Assure Control of Augmentation Units		-	-	6

5. HANDLING

The fiberboard containers may be put in general storage. Stack containers so labels are readable. No limitation on stackability on kits of the same type.

MEDICAL

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WATER CONTAINER

1. ITEM

Water Container

2. NO. OF PERSONS SUPPLIED

Water container supplies 70 quarts of drinking water (17.5 Gallons) adequate for 5 persons at a rate of one quart per person, per day.

3. SIZE AND WEIGHT

Water container is a fiber drum with a polyethylene plastic bag liner. The drum, in the form of a cylinder, is 15 1/2 to 16 inches in diameter by approximately 21 inches high. The weight of the drum and liner empty is 4 pounds and weight filled with water is 149 pounds

4. DESCRIPTION AND FILLING OPERATION

The fiber drums are shipped as a unit, unstrapped, or otherwise grouped. The polyethylene plastic bag liners (to contain the water inside of the drum) are packed and shipped in a carton containing 200 bags each. The bags in the carton have a single fold without a sharp crease. These bags should be handled carefully to prevent puncture or abrasion between unpacking and the filling operation. Bags should not be double folded. Soft iron wire ties for use as a twist-wire closure of the bag spout are supplied within the bag carton.

The following filling instructions are to be found labeled on the face of the drum:

TO FILL

REMOVE DRUM COVER. INSERT PLASTIC BAG LINER AND FILL WITH APPROVED TAP WATER BY INSERTING CLEAN HOSE INTO BAG SPOUT. DO NOT FILL DRUM WITHOUT USING PLASTIC BAG LINER. FILL TO WATER FILL LINE. TWIST SPOUT AND DOUBLE BACK ON ITSELF AND TIE TIGHTLY WITH WIRE TIE. REPLACE DRUM COVER.

The following precautions must be observed:

1. The community water supply from which tap water is obtained

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WATER CONTAINER

must be approved by the State or local health department.

2. Filling of containers must be performed in a manner conforming to State and/or local health department regulations.

5. HANDLING

Empty water containers can be stacked with no practical limit of stackability. Full water drums can be stacked to a practical height of 3 drums if floor load limits permit. Three full drums imposes a load of 243 pounds per square foot. The date of filling of water drum should be placed on the date line, on the label.

WATER CONTAINER

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