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ORGANIZATION

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SECTION
SPECIAL
INDUSTRIES
GROUP **7**



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▣ SPECIAL INDUSTRIES GROUP:

Special Industries Group, is a specialized and technical branch of Defense Industries Organization which is in charge of producing a wide range of military and commercial products and is actively involved in production, sales and export of the NBC protection equipments to the international markets. The range of products and services are classified and covers fields of detection, protection, decontamination and treatment and exports to various customers worldwide. SIG has been awarded international certifications such as ISO 9001, ISO 9002, ISO-QS134852003 and manufactures according to Military Standards which have enabled it to enter the worldwide competition. SIG is proud of making the company's image safe and reliable while at the same time, keeping its undertakings with customers at home and abroad.

These products and services include:

- 1-** Sales of technical know how of several high technology products based on the high standards and international rules & regulations.
- 2-** Design, installation and maintenance of a number of production lines aimed at producing industrial products such as: blood bags, microbial hoods and providing technical experts to design and execute clean rooms for all kinds of sterilisations.
- 3-** Presents various levels of training courses in the area of NBC protective and defensive equipments and products.



SPECIAL INDUSTRIES GROUP:

- WAR CHEMICAL FACTORS DETECTOR IRAN CAM
- HAND DIGITAL DECIMETER 302 NDRAD
- CHEMICAL FACTORS DETECTOR KITE NDK-1
- NBC PROTECTIVE SUIT
- MASK - MODEL: IM2
- PROTECTIVE HOOD OF MASK
- SINGLE FILTER - MODEL: IF2
- NBC PROTECTIVE GLOVES
- NBC BOOT COVER
- DSM 2500, 3500 & 5000 DECONTAMINATION SYSTEM
- DRAKSH7 TACTICAL DECONTAMINATION SYSTEM
- D3 CAPSULE
- MRC-200 P Cleanser Powder Application
- MRC-500 N RINSER SOLUTION
- MOVING HOSPITAL
- ADVANCED FIRST AID BAG
- INDIVIDUAL FOOD RATION
- LIFE PILL
- MOBILE MEDICAL SERVICE SYSTEM
- MOBILE LABORATORY SYSTEM
- BLOOD BAG
- EPIDERMAL GROWTH FACTOR & SILVER SULFADIAZINE CREAM (EGF&SSC)
- OC PEPPER PERSONAL DEFENSE SPRAY & CS PERSONAL DEFENSE SPRAY
- RESPIRATORY SYSTEM



SPECIAL INDUSTRIES GROUP

SECTION 7

SPECIAL INDUSTRIES GROUP:

- RAPID STRIP TEST
- TACTICAL VEST
- BACKPACKS
- BOTTLE OF WATER (CHURN OF WATER)
- TANK CREW SUIT
- AIR CREW SUIT
- BATTLE DRESS UNIFORM
- GROUP TENT
- FOLDING STRETCHER
- WATER PURIFICATION SYSTEM
- FLEXIBLE PNEUMATIC BRIDGE MODEL: 40 METERS
- FIELD ICE MAKING UNIT
- MOBILE KITCHEN SYSTEM
- FIELD KITCHEN SYSTEM
- MOBILE BAKERY
- AID AND RESCUE POST SYSTEM



SPECIAL INDUSTRIES GROUP

SECTION 7

► General Specifications:

This product consists of a bent bag and other related accessories. This bottle (bag) is used for storing and conveying water for one person . Some of the specifications of this product are: making use easy, small size in the form of packaging, low weight and easy for transportation, having proportion with physics of the body at the time of carrying, resistance against weather conditions, resistance against UV rays and the most serious specification that the components of this product are so hygienic (health). This product possesses the ability of storing water without any change in its quality for a period of 48 hours. You can use this product in military and non-military services or even in polluted environmental conditions.



► Technical Specifications:

The Water volume	2 Liters
The Type of the bag	PVC
The dimensions of the bag	25.5x22.5 CM
The weight of churn in empty mode	450 GR
The weight of churn in full of water mode	2400 GR
The usage time limit	C-66 C

▣ General specifications:

The tank crew suit is inflammable covers provide fire protection. The suit is made of aramide fabric operational and flame retardant cotton fabric (only for training).

▣ Features:

- Comfort
- Flame proof
- Easy movement
- Beautiful design
- Antistatic properties
- Machine washable
- Sewed with aramide thread
- 9 pockets with zipper closure
- 10 main sizes each includes 3 drapes
- According to Iranian Defense Standard IDS 212
- Life strap for taking out the infected crew from tank
- Durable metal zippers with inflammable aramide tape



► General specifications:

The air crew suit is inflammable coverall provide fire protection. The suit is made of aramide fabric.

► Features:

- Comfort
- Knife rope
- Flame proof
- Beautiful design
- Easy movement
- Antistatic properties
- Machine washable
- Sewed with aramide thread
- 9 pockets with zipper closure
- 10 main sizes each includes 3 drapes
- According to Iranian Defense Standard IDS 441
- Durable metal zippers with inflammable aramide tape



▣ General specifications:

The battle dress uniform is the first protective mean of a warrior. Nowadays, thanks to using new innovations, soldiers garment is an effective self defense weapon. Camouflage against night vision devices, flame protection, antimicrobial finishing, etc. are key elements of survival. The uniforms are made of different fabrics such as 100% cotton, poly /cotton & PA/cotton.



▣ Features:

- Comfort
- Soft hand feel
- Extra durable
- Ergonomic design
- Sizes : S,M,L,XL & XXL
- Different colors & camouflage pattern
- Good color fastness against washing, rubbing, perspiration & light
- Anti IR camouflage (optional)
- Anti microbial finishing (optional)
- Flame retardant (optional)
- Soil /oil/water repellent (optional)



- ▶ The group tent with beautiful design is an effective mean for settling refugees of disasters. It provides a comfortable place for people suffer from physical and psychological stresses in critical conditions.



▶ Features:

- High resistance against wind
- Rapid set up
- Water proof strong duck fabric
- Robust metal skeleton
- Using CAD-CAM technologies in production
- Water proof floor covering
- Ability of installing lamp inside tent
- Easy transport
- Low volume of package
- Using engineering softwares in skeleton design

▶ Usage:

Family, Emergency teams, Briefing room, Storage

▶ Net walls (optional):

In order to increase the ventilation in hot climates, all tents can be produced by net walls beneath the main side walls.

▶ Modularity:

By connecting the modular type tents together, bigger space is achieved.

▣ Features:

- For carrying the injured from damaged sites and critical areas
- Lightweight (about 6.5 kg)
- Transportability by individual as a bag or backpack
- Folding and not bulky
- Well occupied the automobile trunk
- Applicability in military and civil areas
- Applicability in therapeutic centers, ambulances and so
- Color variety and capability of camouflage
- Load tolerance up to 150kg



▶ General specifications:

Individual food rations, in military and civilian types and individual daily packages, snack and single meals.

▶ Application:

- Military applications
- Auxiliary
- Sportive
- Recreative

▶ High- Quality Features:

- Long maintainability of the product for 2 years
- Compactness and flexibility of the products that result in transit and storing easiness
- Maintenance in different geographical and climate conditions and no requirement to springhouse
- Ease of application by consumers

▶ Different Menus of the Products:

- Main packages as daily and snack basis
- Main meals include: Breakfast, Lunch, Dinner
- Supplements include: Different snacks usable all day long
- Packages of supplies include: Necessary instruments and facilities such as spoon, tissue paper, toothpick and so
- Self heater bags, flame needless



▣ General specifications:

A new phenomenon in the production of food rations. The best nutrition with the least volume and weight. Able to supply enough nutrition for one person for 15 days stored in room temperature. A complete meal in the form of a pill. Long lasting. Anti microbial finishing (optional), Flame retardant (optional), Soil / oil /water repellent (optional).

▣ Specifications of the Pill:

In the form of 4 gram pills that contain all the vital nutrients like fat, protein and carbohydrates in addition to all the necessary vitamins and minerals (in compliance with the daily nutrition program of FDA). Each pill produces 20 kilo calories of energy. The intake of 12 pills a day will provide the body with enough energy to survive. The pills are chewable and can be taken without water; they are also available in different flavors like chocolate, orange, vanilla and fruit.



▣ General specifications:

In emergency situations, during crises, when there is no access to food for any reason, during unexpected incidents and especially for military men and soldiers, pilots, athletes and mountaineers. Daily consumption: if used for survival and vital needs of the body, 12 pills a day is recommended (in case of access to any other source of nutrition this number will decrease). Packaging: in plastic bottles with screw caps impenetrable to light and oxygen with labels containing information on the compositions, storage, consumption doses and usage instruction etc).

► General specifications:

The water purification system is a self dependant treatment unit which can provide treated or desalinated treated water from brackish or sea water for battle fields. The desalination technology is based on Reverse Osmosis (RO) technic with use of high quality membranes. The quality and flow rate of input and output water is monitored and controlled from input and output control panel.



The unit is mounted on mobile chassis for displacing from area to area. The required power can be supplied from built- in diesel generator or from power line.

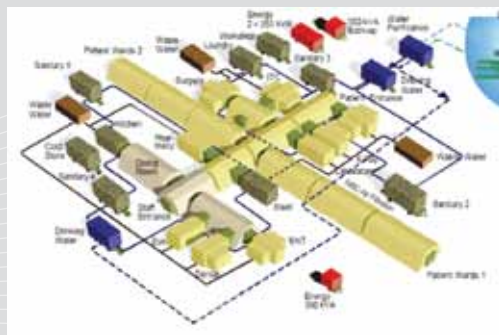
► Technical specifications of model WPS 10:

Total Dissolved Solid in raw water	45000 – 48000 mg/lit
Total Dissolved Solid in product water	300 – 500 mg/lit
Treatment capacity	5000 lit/hr
Desalination Capacity	1000 lit/ hr
Raw water temperature	15 – 45 0 ^C



General specifications:

Moving hospital is a collection that produces health services holding the capability of moving and shifting from a place to another. Moving hospitals present the condition of a real hospital with necessary equipments and potentialities in the manner of medical and remedial teams that can present all necessary medical and health services at minimum time and distance at the result of events and exigency.



Particulars of the moving hospital

1. Capability of easy and fast erection (installation).
2. Capability of transmission by means of the road transportation, ships, train or plane.
3. Supplying all medical, establishments and energy establishments.
4. Possibility to stand up in different ecological conditions.
5. Possibility of activity in polluted zones.
6. Flexibility in arranging in respect to zone's position.
7. Capability of extension and expanding of the hospital and increase of the beds.

Agent of the hospital:

Agent in the form of combination:

1. Flexible: consists of the veils with metallic and pneumatic frames.
2. Inflexible: consist of 20 feet standard & 20 feet expandable containers.

Sections of the hospital:

1. Entrance of the hospital.
2. Remedial and parts of the hospital (Reception, Medical examination of outpatients, CT scan, ICU, Operations room, Radiology, Pharmacy, Laboratory, Wash-house, Sterile, bed and so on).
3. Lateral parts (W.C, Kitchen, Wash-house, Connection corridors and so on).
4. The underneath establishments (Providing Electric Energy, providing healthy water, water surplus water and fuel saving reserve).



▶ General specifications:

The blood bag is one of the items that are used in country remedial centers like hospitals and blood transfusion bases. This product consists of about 35 parts that the most of these parts are made of polymeric materials and the process of their production is some parts to shape lines of the polymers.

▶ Some kinds of produced blood bag consists of the following cases:

Bag	250 ML	Single, Double, Triplex and Foursome
Bag	300 ML	Single, Double, Triplex and Foursome
Bag	350 ML	Single, Double, Triplex and Foursome
Bag	400 ML	Single, Double, Triplex and Foursome
Bag	450 ML	Single, Double, Triplex and Foursome
Bag	500 ML	Single, Double, Triplex and Foursome



▣ **General Specifications:**

This type of bridge is a kind of quick fixing bridge in air class that has lower volume and lighter weight in comparison with other quick fixing bridges. This kind of bridge and all of its fixing equipments and cluster piles are portable with a van. This bridge is fixable



and controllable with the help of only 8 people in 15 minutes on the surface of the stagnant water. This period increases with the speed of 1.5 meters per second to 40 minutes for the flowing water. If the bridge is decided to be closed up, the same time is needed.

▣ **Technical Specifications:**

Length	40 meters
Width	1.4 meters
Width efficiency	80 Cm
The suspension capacity of the bridge	80 People (every person 100 Kg)
Type	Reinforced PVC
The weight of the bridge	about 200 Kg
The dimensions in packaging form	120x120x140 Cm
Blower system	Subterfuge Fan 1200 m3/ and the pressure 4-6 Kpa
Fan force	a 8-horsepower benzene engine
The weight of the blower package	110 Kg
Bridge controller system	Steel spark plug

► General Specifications:

- Production capacity in day and night: 500kg
- Capacity of water reservoir : 600 liter
- Capacity of ice reservoir: 500kg
- Quality of interior wall sheet: Niger Sheet
- Quality of exterior wall sheet: Steel
- **Equipped with tent and its light**
- **Equipped with generator**



This unit is used in crisis by establishing in camps and also in maneuvers for producing cubic ice.

This device is mobile and portable with the capacity of producing 500 kg ice every 24 hours.



MOBILE KITCHEN SYSTEM

▣ General specifications:

The mobile kitchen system can be used to prepare food for upto 600 people. This kitchen has the capability of storing food which includes below zero refrigeration facility with a capacity of 200 kilograms meat, chicken, fish, butter, etc.

It is also equipped with a pantry with the capacity of storing 2.5 tons of dry foods such as rice, grains and canned food.



▣ Technical specifications:

1- Trailer floorings: this kitchen is equipped with a jumbo streak with the capacity of 24 tons and is 13.5 meters length and 2.6 meters wide. The distance of the floor from the ground is 130 cm and is equipped with two German 12 ton axes. Two double plied tanks with a fuel capacity of 1500 liters and a water storage tank with the capacity of 2000 liters and an 11 kilogram liquid gas capsule box with the capacity of 12 capsules are installed underneath the floors. In addition a sewage system has been integrated on the floor of the trailer.

2- Container: the container consists of a 60KVA generator chamber for below and above zero refrigeration, food storage space, processing and cooking chamber.

3- Fuel Module: every pot (rice, stew, frying pan, rice steamer) is equipped with a fuel module. The above module has been designed based on the cooking capacity of the pots and the calorie requirements and to enable food preparation in the shortest amount of time. This module functions with liquid fuel (oil and gasoline) and liquid gas.



Introduction:

This machine is portable and capable of cooking food for 200 individuals and uses fuels such as petroleum / gas oil, and liquid gas.

Application:

- In crisis for establishment and usage in settlement camps
- Applicable in large communities such as maneuvers, recreation and pilgrimage camps, etc.

High- Quality Features:

- This system is capable of carrying with appropriate thill trackers
- Cooking in every climatic conditions
- Cooking in one place and distribution of hot food in another region
- Suspension system by joint rubbers (compressed polymer)
- Capability of modules separation and independent baking

Technical specifications:

- System carriage
- Baking structures
- Fuel module
- Environmental protection tent
- Worktable and toolbox
- Air compressor
- Navigation equipments and brake system
- Hand brake
- Illuminator installations
- Holder bases
- Other Installations:
 - Equipped by electromotor to supply electricity
 - Spare tire
 - Firefighting capsules
 - First aid box



▣ General Specifications:

- Capability of baking bread
- Baking bread with indirect fire
- Having 6 rollers widening with inventor
- Decrease of bread waste
- Equipped with heating and cooling systems (Split)
- Having paste mixer and bread preparation system
- Consumption of oven fuel, every hour 5 liter
- Container sizes: 2.7 x 2.5 x 13.5m
- Thickness of wall insulator: 4cm
- Capacity of fuel reservoirs: 700 and 1300 liter
- Capacity of water reservoir: 1500 liter
- Having water heater and diesel generator to supply electricity

The Mobile Bakery as tracker with capability of baking kinds of bread is used in crisis and maneuvers.



▶ Introduction:

This product is usable to aid involved and injured people in emergency conditions at the place, considering available equipments in the system

▶ Application:

In crisis and emergency conditions

▶ High- Quality Features:

- This system is capable of carrying with appropriate thill trackers
- Applying available items, first needs of the injured people could be eliminated until they brought to therapeutic centers.

▶ Different Parts of the Product:

- Having illuminator and electrical socket
- Anti-stress brake system of tracker vehicle
- Two shutters with lock
- Trailer for standing and lifting the items
- Holder bases
- Hand brake system for stability
- Bags, flame needless



▶ Introduction:

This device is transferable and is capable of carrying the injured and medical equipments.

▶ Application:

At the time of emergency and crisis

▶ High- Quality Features:

- Transferable with appropriate thill trackers
- Having holding jacks
- Very light
- Operative in different climate conditions
- Equipped with suspension system

▶ Different Parts of the Product:

- Having illumination and environmental protecting tent
- Having illumination system and electrical tableaus
- Having conducting equipments
- Having brake system



▶ Introduction:

This system is strike, which is equipped by laboratory equipments.

▶ Application:

To identify and diagnosis nuclear, biological and chemical factors in crisis and when laboratory centers accessibility is not possible.



▶ High- Quality Features:

- Carrying capability of the laboratory by tugger
- Sampling and diagnosis of NBC factors in site
- Servicing civilian sections
- Being a dual-Purposed laboratory during war and peace
- Increasing defending capability of armed forces against NBC attacks
- Low costs in comparison with its foreign counterpart



▶ Product Dimensions:

This laboratory is in the following dimensions:

Type	Sizes	Length	Width	Height
	Wheeled Strike	1200 cm	300 cm	275 cm



► **General Specifications:**

Detecting method	IMS
Function	Automatic
Identifiable factors	Nerves, vesiculation, blood and drowning
The least extent of recognition	About ppb
Detecting time	Less than 5 seconds
Dimensions	40x14x19 cm
Weight	5.7 kg
Outer supply	220-240 V / 12-16 VDC
Battery	rechargeable Li-ion
Work temperature range	-20° to 50° C
Ionization source	63Ni- 15 mci



▣ General Specifications:

- Detecting X and gamma rays with higher energy than 60 keV
- Measuring field intensity
- Saving and displaying total received dose
- Saving and displaying function time
- Equipped with outer detector, installed on one meter antenna Water and dust proof keyboard
- Capability of regulating warning levels

▣ Technical Specifications:

Maximum responding field	999 mSv/h
Main machinery dimensions	16x9x3.5 cm
Supply	chargeable battery 7.2 V
Continuous function duration	20 hours



General Specifications:

Detecting method	Colorimetry
Function	Non-automatic
Identifiable factors	GA, GB, HD, AC, CK, CG
The least extent of recognition	HD: 0.003 mg/ Lit CG: 0.004 mg/ Lit AC, CK: 0.005 mg/ Lit GA, GB: 0.0001 mg/ Lit
Detecting time	Less than 30 seconds
Dimensions	17 x 13 x 11 cm
Weight	1 kg
Work temperature range	-20° to 55° C
Determination concentration levels	three hazardous levels, very hazardous, fatal



▣ General Specifications:

The NBC protective suit provides whole body full protection against chemical, biological and nuclear dusts affecting the skin in the form of vapor, gas and aerosol. The suit is permeable and allows body heat and perspiration vapor transmitted out of garment while prevents the entrance of toxic agents by enhanced filter.

The NBC protective suit consists of two main layers. The outershell is oil and water repellent durable poly/cotton or PA/cotton blend fabric. The filter layer is activated carbon impregnated PU foam or activated carbon fabric.



▣ Features:

- Comfort
- Easy movement
- Machine washable
- Flame retardant (optional)
- Anti IR camouflage (optional)
- Different sizes including S,M,L,XL & XXL
- Up to 10 years guarantee in vacuum packed
- According to Iranian defense Standard IDS 034
- Different model including 2-pieces jacket-trousers suit with/without open closure zipper & coverall
- Different colors & camouflage patterns



▣ General Specifications:

The protector mask is a sure device for full protection of respiratory system, eyes and face against the NBC military elements. This mask is equipped in different systems to be comfortable for the user. The design of this mask is in the method that not only the user does not have any kind of difficulty in breathing but also he/she can breathe very easily.



▣ Technical Specifications:

The time of putting the mask	Less than 10 S
The ability of a part of the mask in passing the liquids(liquid opening part of the mask)	150 cc/min
The ability of a part of the mask in passing the air (air opening part of the mask)	2/2 inch, 2 lit air/min
Pressure comedown of inhalation valve	4 mm H ₂ O
Pressure comedown of the exhalation valve	7 mm H ₂ O
The weight of the mask	495 gr



▣ General Specifications:

Protective hood, keeping head and neck away from aerosols, chemical vapors, biologic particles and nuclear dust, is utilized as a complementary for 1M2 mask. Protective hood can improve mask efficiency, meanwhile it makes more security area and minimizes the contaminations from mask surface in contact with aforesaid agents, consequently the decontamination procedure would become easier.



▣ General Specifications:

The filter, holder the model IF2, is a complex filter and designed in accordance with all military standards. This filter with the mask IM2 organizes a full respiratory protection system against chemical, biological elements and radio active floating dust.



▣ Technical Specifications:

Weight	220± % 5 GR
Dimensions	110 mm, 60 mm
Pressure Comedown	Max: 18mm H2O
Paper Filter	%99/99
Crust Color	Black-Olive green
This filter is useless in less than 18% oxygen	



▣ General Specifications:

These gloves, protecting hands against toxic warfare agents, are part of personal gear. Gloves would be made of polymerized latex (Chloroprene) and could resist remarkably against breakthrough of aforementioned agents.

Pair of cotton gloves, avoiding hands perspiration and skin irritation, is prepared to improve the efficiency of protective gloves. Cotton gloves should be worn before wearing protective ones.

Weightless, optimal safety factor, incredible flexibility and compatibility with user body are protective gloves advantages.



▣ General Specifications:

Boot cover, keeping feet away from NBC agents, is a type of cover to protect troops . It would be made of elastic polymeric materials which have a good abrasive resistance.

This cover is used as a complementary of military boot and should be worn quickly after boot wearing.

The protective cover, casting as an integrated form without crack or split, is made of PVC and NBR elastomer compounds.



General Specifications:

The respiratory system is designed and used for the protection of the human respiratory system against poisonous gases and when the oxygen in the air is less than general (less than 17%). This system has great applications in fire fighting and petrochemical industries.



Technical Specifications:

Activity time in terms of activity type			The Air Volume in Cylinder	Charge Pressure	Types of cylinders	Type of the Respiratory Systems
100 liters	40 liters	20 liters				
12 Min	30 Min	60 Min	1200 Liters	200	6 Liters	Single Cylinder
18 Min	45 Min	90 Min	1800 Liters	200	9 Liters	Single Cylinder
12 Min	30 Min	60 Min	1200 Liters	300	4 Liters	Single Cylinder
18 Min	45 Min	90 Min	1800 Liters	300	6 Liters	Single Cylinder
16 Min	40 Min	80 Min	1600 Liters	200	2*4 Liters	Two Cylinders



General Specifications:

High pressure decontaminating system models 2500, 3500 and 5000 designed and built based on the latest standards and can be installed on different semi-heavy vehicle. DSM-3500 is equipped with fire-fighting system, feeding pump and water sand blasting equipment, capable of being installed with detectors and warning equipments, suitable for rapid decontamination of people, equipment, machinery, places, installation, cloths individual equipment, fuel tanks and tankers.



Technical Specifications of DSM 3500 :

Dimension of the equipment cabin	Length*Width*Height(m)	4.2x2.30x1.8
Total dimensions of vehicle	Length*Width*Height(m)	5.4x2.30x3.10
Weight of equipments and cabin	Ton	6
The operation pressure	bar	10
Flow of high pressure system	lit/hour	2000
Monitoring system for decontaminating Of the places with high flow	12000 lit/hour	25-30 m the spraying rang
The temperature of hot water	Centigrade	80 max
Dried steam output	High pressure system	30 bar, 270 lit/hour-150°C -20 bar, 300 lit/hour-210°C
The mixing ratio of the chemical	powder or liquid	Up to 8 % powder or liquid (adjustable)
Decontaminating material	Monitoring system	12.5 % powder
Fuel	-----	8-12 Disel/lit/hour
Engine (tow units)	-----	3000 rpm/4 timer/2 cylinder 17 horse power 220V/500W/AC
The possibility of electrical output	-----	12V/5W/DC - 220 v / 500 W/AC
Water tank	-----	3500 lit/Galvanized

▣ General Specifications:

Advanced system of protective operations against NBC attack, capable of being equipped with meteorological supplies, various detectors, operation signals, portable decontamination ability, warning items and equipment, board and warning cordon, 6kgs.

Decontamination cylinders, device for taking sample, instrument for determining the radius of polluted areas, installing the place gun and wireless.

An engine coupled with floral pump provides flow and necessary pressure for spraying high range of decontamination solution like calcium hypochlorite. The system with suitable dimensions has been mounted on chassis and the function of decontaminating during the system's movement when the engine of vehicle is turned off is also possible.

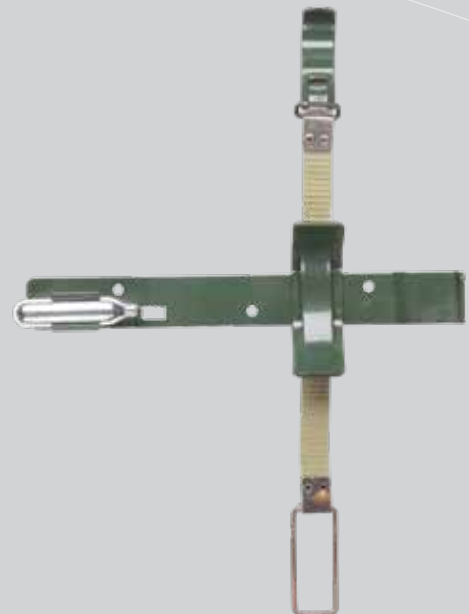


▣ General Specifications:

D3 NBC decontamination device is intended to be used for decontamination of military vehicles, personnel equipments or weapons. DS2 liquid is used as the decontamination solution.

▣ Technical Specifications:

Capacity	1.26 liter
Weight (filled)	3 kgs.
Effective spray range	1.8-2.4 m
Duration of one charge	30 sec



▣ General Specifications:

MRC-200P decontamination powder is used to clean all chemical and biological agents and destroys them. In order to remove pollution from military instruments and equipment surfaces, aircrafts and vessels' surface, buildings and forces disposition, this decontamination powder is used (Do not use for skin cleaning).



▣ Consumption:

Each package should be mixed with 140-180 liter of water by DSM System or non-mechanized manner and spread on the contaminated surfaces.

▣ Maintenance:

Keep in cool and dry places with appropriate ventilation and far from other chemicals.

▣ Safety Precautions:

- Refrain from inhaling of powder and its steam.
- Avoid contact with skin and eyes.
- If it contacts with eye and skin, the spot shall promptly wash with plenty of water.
- During application, wear suitable gloves and eye/face protection.

▣ General Specifications:

MRC-500N Rinsers Solution is used to remove radioactive materials pollution.

▣ Consumption:

Washing surfaces with rinsers solution without dissolving in water or other solvents that shall be spread directly on the contaminated surface by spreader machines like DMS 2000 for at least 30 minutes, then wash the surfaces with plenty of water.

▣ Application Terms:

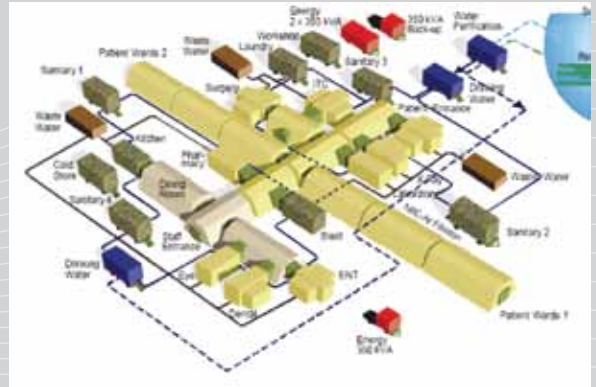
Desirable conditions for removal of nuclear pollution by the rinsers is temperature of 20° - 50° C and PH= 4.



▣ General Specifications:

Field hospital is a collection that provides health services, having the capability of moving and shifting from a place to another.

Field hospitals present the condition of a real hospital with necessary equipments and potentials in the manner of medical and remedial teams that can provide all necessary medical and health services at very short time and distance.



▣ Particulars of the moving hospital:

1. Can be installed easy and fast 2. Can be transported roads, ships, train or planes. 3. Supplying all medical and energy services. 4. Possibility to stand up in different ecological conditions. 5. Possibility of activities in polluted zones. 6. Flexibility in installing it in respect to zone's position. 7. Capability of extension and expanding of the hospital and increasing the no. of beds.

▣ Agent of the hospital:

Agent in the form of combination:

1. **Flexible:** consists of the veils with metallic and pneumatic frames.
2. **Inflexible:** consists of 20 feet standard & 20 feet expandable containers.



▣ Sections of the hospital:

1. Entrance of the hospital.
2. Remedial and other sections (Reception, Medical examination of outpatients, CT scan, ICU, Operations room, Radiology, Pharmacy, Laboratory, Wash-house, Sterile, bed and so on).
3. Lateral parts (W.C, Kitchen, Wash-house, Connection corridors and so on).
4. The sub-floor establishments (Providing Electric Energy, providing healthy water, water surplus water and fuel saving reserve).



▣ General Specifications:

Applying advanced first aid equipment, utilizing modern technologies that could protect and save life. Critical and special conditions of battlefields, which requires abilities to deal with conditions prevailing in these facilities.



▣ Applicability:

For this purpose, advanced first aid bag is provided, having necessary tools and facilities to stop bleeding, sterilizing, quick dressing of different cuts, cleavage and other wounds.

▣ High- Quality Features of the Bag:

- Block Bleeding powder for blocking vast bleeding
- Nano silver sterilizer spray for complete destroying of pathogenic microbes
- Super absorption gluey stomach pad, to absorb secretions and dressing stomach wounds
- Compressed block bleeding gas, to block and dress the wound
- Blocking tampon for nose bleeding
- Gluey crystal bandage to protect the wound against microbial factors and air intake in chest wounds
- Stitch special paste, gas, Vaseline gas, scissors, paste, Abs lung, emergency drugs and Guidance booklet

▣ General Specifications:

Individual food rations, in military and civil types and individual daily packages, snack and single meals.

▣ Application:

- Military applications
- Auxiliary
- Sportive
- Recreative



▣ High- Quality Features:

- Long durability of the product for 18 months.
- Compactness and flexibility of the products that result in easy transit and storing.
- Maintenance in different geographical and climate conditions and no requirement to springhouse.
- Ease of application by consumers.

▣ Different Menus of the Products:

- Main packages on daily and snack basis
- Main meals include: Breakfast, Lunch, Dinner
- Supplements include: Different snacks usable all day long
- Packages of supplies include: Necessary instruments and facilities such as spoon, tissue paper, toothpick and so
- Self heater bags, no flame is required



▣ General Specifications:

A new phenomenon in the production of food rations. The best nutrition with the least volume and weight. Able to supply enough nutrition for one person for 15 days Stored in room temperature. A complete meal in the form of a pill long lasting. Anti microbial finishing (optional) Flame retardant (optional) Soil /oil/water repellent (optional).

▣ Specifications of the Pill:

In the form of 4 gram pills that contain all the vital nutrients like fat, protein and carbohydrates in addition to all the necessary vitamins and minerals (in compliance with the daily nutrition program of FDA). Each pill produces 20 kilo calories. The intake of 12 pills a day will provide the body with enough energy to survive. The pills are chewable and can be taken without water; they are also available in different flavors like chocolate, orange, vanilla and fruit.



▣ General Specifications:

In emergency situations, during crises, when there is no access to food at all, during unexpected incidents and especially for military men and soldiers, pilots, athletes and mountaineers. Daily consumption: if used for survival and vital needs of the body, 12 pills a day is recommended (in case of access to any other source of nutrition this number will decrease). Packaging: in plastic bottles with screw caps impenetrable to light and oxygen with labels containing information on the compositions, storage, consumption doses and usage instruction etc).

▣ Introduction:

This device is mobile and is capable of carrying the injured and medical equipments.

▣ Application:

At the time of emergency and crisis.

▣ High- Quality Features:

- Can be carried by appropriate trackers
- Having holding jacks
- Very light
- Operative in all weather conditions
- Equipped with suspension system

▣ Different Parts of the Product:

- Having illumination and environmental protecting tent
- Having illumination system and electrical tableaus
- Having conducting equipments
- Having brake system

