

Future Green Micro Systems Inc. a reliable partner for your HSE needs

To increase the safety of the working environment FGM has released safety products, helping the industries to be able to return the accident site to a safe and normal condition in the shortest possible time.



Spill kit

Spill kit is a brand name of a HSE product that contains, absorbs, collects and neutralizes spilled chemical liquids such as acids, bases, solvents, etc. in industrial environments. By using this product, spilled liquids can be easily and quickly converted into solid and collectable waste without the need to use water or dilution.

Implementation of FGM's spill kit package is quick and handy at the time of accident. Its neutralization capability is very useful for acids and bases. Eliminating the need for water cleanup increases its safety aspect as water will spread the pollution and may increase its chemical activity.

Spill kit features

- ✓ Available in different shapes: tubes, pads, cushions, rolls, bulk and portable bags
- ✓ Available in different colors: yellow, blue and white for different accident scenarios
- ✓ Supplied in fiber or powder forms
- ✓ Ease of collection and disposal
- ✓ Absorbing any type of liquid
- ✓ Weakening and neutralizing acids and bases
- ✓ Normalization of the accident site quickly
- ✓ High absorption speed
- ✓ Converting liquid wastes into solid for the ease of cleaning and handling
- ✓ No need for water





Safety washing equipment

FGM offers portable and fixed safety washing equipment to help operators exposed to hazardous and harmful chemicals, clean themselves quickly at the time of accident.

This product is able to spray water under pressure for the minimum of 15 minutes as mentioned in the first aid standards for HSE. It has proper design for washing eyes and other parts of the body. The portable version can be used widely at the time of emergency in places where the basic safety equipment is not available.



Different types of washing equipment

Pipe washing systems

Pipe washing equipment are installed and fixed in a certain location and are permanently connected to the water source. This equipment can be installed on the wall, floor or ceiling of an industrial environments.



Self-contained washing cabins

This type of emergency washing systems does not require plumbing and has an independent water source. After each use, the source must be filled. It can be transported to another location but the transportation should be handled by vehicle or crane.



Portable washing equipment

Portable washing equipment are similar to the self-contained washing cabins with this difference that they can be displaced easily by personnel manually. They can be located in areas where no installation is available. Eye wash and shower are samples of this group.



Eye wash equipment

Connected eye wash: This type of eye washing system is connected to the washing liquid (water and antiseptic liquids) through piping and provides the required water. It is installed on the wall or ceiling through a hook or support.

Portable (self-contained) eye wash: It has a tank of water and washing liquid and provides the required liquid for 15 minutes at the right pressure and speed at each use. This system is designed in such a way that the pressure is supplied by gravity. Its pressure is designed in such a way that does not cause discomfort to eyes. It can be easily installed on a table, stand, trolley, or wall.

Spill pallets and carrying ramps

Spill kits are designed for limited spills. To prevent large splashes, spill pallets are the best solution. They are designed to store chemical barrels and tanks in warehouses, production sites, workshops and laboratories.

Containers of chemicals are placed on pallets. Once splash/leakage occurs, chemical is collected in the compartment under the pallet, instead of spreading in the environment.

This pallet also has a cap to retain chemicals. In addition to promoting safety standards, it helps to recover expensive materials at the time of leakage. It is recommended to cover the perimeter of pallets with spill kits to increase safety. It will provide a safe environment for personnels.



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