

Skopje battery safety

Exposure to contents of an open or damaged battery: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if

If you are buying batteries with battery caps, then one of the most important safety requirements is having the vent caps regularly inspected to ensure they are tightened down. Vent caps that are loose or otherwise not properly secured can result in dangerous spills and off-gassing.

Contact with internal components if battery is broken or opened, then persons with the following medical conditions must take precautions: pulmonary edema, bronchitis, emphysema, dental erosion.

All batteries are not the same, and as such, not all batteries should be approached the same or with the same safety requirements. The general single-use batteries that you can buy at the check-out line and 9V batteries that power small electronics are handled in a manner different from the gel and lead-acid batteries typically used to power much larger machines. These handling and safety requirements are all because of what they are made of.

Single-use batteries are also called alkaline batteries and they contain zinc, copper, and other elements that are not considered highly hazardous to hold and to be around. In contrast, rechargeable batteries, the batteries that power scooters and solar products, are comprised of more complex metals that include lead-acid, lithium-ion, nickel-cadmium, and nickel-metal hydride. These metals enable these batteries to handle more powerful charging loads and to be able to charge and recharge many times while doing so.

But those same metals that make these batteries powerful can also be dangerous when they are not safely handled. The following is a look at the key safety requirements you should follow:

Take off metal tools and jewelry. When you are working around batteries or maintaining batteries, it's important to take off any metal jewelry and accessories (like watches) and avoid any non-insulated metal tools. This means tools without a plastic or similar grip that keeps your hands from directly touching the metal. Keeping metal away from batteries will prevent that metal from touching one or more of the battery's terminals. When metal touches terminals, it can result in sparks, an electrical shock (leading to mild electrocution), fire, or even a full-on explosion.

Never store in an airtight container. Batteries need to breathe in a way, and never should be stored in a container that does not allow some airflow. Without proper airflow, you can risk an explosion. Most safety requirements will advise going beyond this basic stipulation and also storing all batteries in a cool and dry area to further reduce the risk of sparks and unwanted accidents.

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Routinely check and tighten vent caps. If you are buying batteries with battery caps, then one of the most important safety requirements is having the vent caps regularly inspected to ensure they are tightened down. Vent caps that are loose or otherwise not properly secured can result in dangerous spills and off-gassing.

MONBAT is a leading brand for the manufacture of VRLA batteries, needed for the telecommunications industry. MONBAT's batteries for cars and commercial vehicles are produced in the same factory so they retain the same quality and standard.

MONBAT continuously strives to improve the way it operates, in all possible aspects: developing innovative products and technologies; increasing market share; managing risk more effectively; improving customer satisfaction.

AQAP certificate is a group of standards for Quality assurance systems developed from the Military Standard. This standard contains the regulations for the development, construction and production, as well as for the quality inspection and final testing of military goods.

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