

Using your Water Rocket Safely

Although AntiGravity water rockets are made to be as safe as possible to use, there are some very important rules you will need to follow for the safety of yourself and others. Most of these rules are just common sense, but nonetheless it is important to keep these in mind as you use your rocket, to ensure that you have a safe and enjoyable rocketing experience.

1. Only launch with adult supervision, in a wide open field, far away from trees, buildings, roads, people and electrical wires.
2. Never put anything in your water rocket but air, water and sometimes non-toxic handwash-type dish soap.
3. Never launch your rocket at or near people, animals, automobiles, aircraft or buildings.
4. Never launch your rocket anywhere near aircraft landing or takeoff locations or into the path of an aircraft.
5. Never launch your rocket under overhead electrical wires or during a lightning storm.
6. Stay at least 20 feet away from the rocket when it is being pressurized, and insist that all other people also stay at least 20 feet away from it, in case the bottle bursts.
7. Don't put any more than the recommended amount of water in any rocket bottle, or the rocket may lift off sideways.
8. Never launch your rocket indoors.
9. Only use a hand-powered pump to pressurize your rocket. Never use an electric or automatic pump or compressor.
10. Only use plastic *pop* bottles that have previously been used to hold fizzy pop. Never use *water* bottles because they are too thin and cannot hold the required pressure. Never use *glass* bottles, because of the danger of heavy impact or sharp broken glass shards.
11. Never climb up in dangerous places or to dangerous altitudes to retrieve a rocket. It is better to lose your rocket than to jeopardize the safety of yourself or others.

During the course of your rocket experience you will probably run across some situations that don't match any of the above. Always decide in favor of safety for yourself and others. There may be other precautions to keep in mind that apply to specific types of rockets. These precautions will be included in the instructions for each individual type of rocket.

