

# INTEX<sup>®</sup> OWNER'S MANUA

## Happy Crab Easy Set Pool

6' x 20" (183cm x 51cm)

### IMPORTANT

**THIS BOOKLET CONTAINS IMPORTANT SAFETY INFORMATION. READ IT THOROUGHLY BEFORE USING THIS PRODUCT AND KEEP IT FOR FUTURE REFERENCE.**

Due to a policy of continuous product improvement, Intex reserves the right to change specifications and appearance, which may result in updates to the instruction manual without notice.

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## SAVE THESE INSTRUCTIONS

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### Special Introductory note:

Thanks for buying an Intex pool. Please read this manual before setting up your pool. This information will help extend the pool life and make the pool safer for your family's enjoyment. We also recommend watching the instructional video on our website under [www.intexdevelopment.com/support/videos](http://www.intexdevelopment.com/support/videos). A team of 2 people is recommended for pool set up. Additional people will speed up the installation.

No tools are required for the assembly.

## SAVE THESE INSTRUCTIONS

## IMPORTANT SAFETY RULES

Read, Understand and Follow All Instructions Carefully Before Installing and Using this Product.



### WARNING

- **Continuous and competent adult supervision of children and the disabled is required at all times.**
- Secure all doors, windows and safety barriers to prevent unauthorized, unintentional or unsupervised pool entry.
- Install a safety barrier that will eliminate access to the pool for young children and pets.
- Pool and pool accessories are to be assembled and disassembled by adults only.
- Never dive, jump or slide into an above-ground pool or any shallow body of water.
- Failure to set up pool on flat, level, compact ground or over filling could result in the pool's collapse and the possibility that a person lounging in the pool could be swept out/ejected.
- Do not lean, straddle, or exert pressure on the inflatable ring or top rim as injury or flooding could occur. Do not allow anyone to sit on, climb, or straddle the sides of the pool.
- Remove all toys and flotation devices from, in, and around the pool when it is not in use. Objects in the pool attract young children.
- Keep toys, chairs, tables, or any objects that a child could climb on at least four feet (1.22 meters) away from the pool.
- Keep rescue equipment by the pool and clearly post emergency numbers at the phone closest to the pool. Examples of rescue equipment: coast guard approved ring buoy with attached rope, strong rigid pole not less than twelve feet (12') [3.66m] long.
- Never swim alone or allow others to swim alone.
- Keep your pool clean and clear. The pool floor must be visible at all times from the outside barrier of the pool.
- If swimming at night use properly installed artificial lighting to illuminate all safety signs, ladders, pool floor and walkways.
- Stay away from the pool when using alcohol or drugs/medication.
- Keep children away from pool covers to avoid entanglement, drowning, or other serious injury.
- Pool covers must be completely removed before pool use. Children and adults cannot be seen under a pool cover.

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## IMPORTANT SAFETY RULES (continued)

Read, Understand and Follow All Instructions Carefully Before Installing and Using this Product.

### **WARNING**

- Do not cover the pool while you or anyone else is in the pool.
- Keep the pool and pool area clean and clear to avoid slips and falls and objects that may cause injury.
- Protect all pool occupants from recreational water illnesses by keeping the pool water sanitized. Don't swallow the pool water. Practice good hygiene.
- All pools are subject to wear and deterioration. Certain types of excessive or accelerated deterioration can lead to an operation failure, and can ultimately cause the loss of large quantities of water from your pool. Therefore, it is very important that you properly maintain your pool on a regular basis.
- This pool is for outdoor use only.
- Empty pool completely when not in use for a longer period and safely store the empty pool in such a way that it does not collect water from rain or any other source, and to prevent from being blown away by strong wind. See storage instructions.
- While the swimming pool is in use, you will need to operate the filter pump to ensure that there is at least one complete turnover of water a day. Consult your pump's manual to calculate the necessary operating hours.

**POOL BARRIERS AND COVERS ARE NOT SUBSTITUTES FOR CONTINUOUS AND COMPETENT ADULT SUPERVISION. POOL DOES NOT COME WITH A LIFEGUARD. ADULTS ARE THEREFORE REQUIRED TO ACT AS LIFEGUARDS OR WATER WATCHERS AND PROTECT THE LIVES OF ALL POOL USERS, ESPECIALLY CHILDREN, IN AND AROUND THE POOL.**

**FAILURE TO FOLLOW THESE WARNINGS MAY RESULT IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH.**

#### **Advisory:**

Pool owners may need to comply with local or state laws relating to childproof fencing, safety barriers, lighting, and other safety requirements. Customers should contact their local building code enforcement office for further details.

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## IMPORTANT SAFETY RULES (continued)

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Please read, understand, and follow all instructions carefully before installing and using this product. These warnings, instructions, and safety guidelines address some common risks of water recreation, but they cannot cover all risks and dangers in all cases. Always use caution, common sense, and good judgment when enjoying any water activity. Keep for future reference. Packaging must be read carefully and kept for future reference. See product for additional warnings.

### General

- Check pins, bolts and/or screws for rust; splinters or any sharp edges regularly, especially accessible surfaces, to avoid injuries.

### Non swimmers safety

- Continuous, active, and vigilant supervision of weak swimmers and non-swimmers by a competent adult is required at all times (remembering that children under five are at the highest risk of drowning).
- Designate a competent adult to supervise the pool each time it is being used.
- Weak swimmers or non-swimmers should wear personal protection equipment when using the pool.
- When the pool is not in use, or unsupervised, remove all toys from the swimming pool and its surrounding to avoid attracting children to the pool.

### Safety devices

- It is recommended to install a barrier (and secure all doors and windows, where applicable) to prevent unauthorized access to the swimming pool.
- Barriers, pool covers, pool alarms, or similar safety devices are helpful aids, but they are not substitutes for continuous and competent adult supervision.

### Safety equipment

- It is recommended to keep rescue equipment (e.g. a ring buoy) by the pool.
- Keep a working phone and a list of emergency phone numbers near the pool.

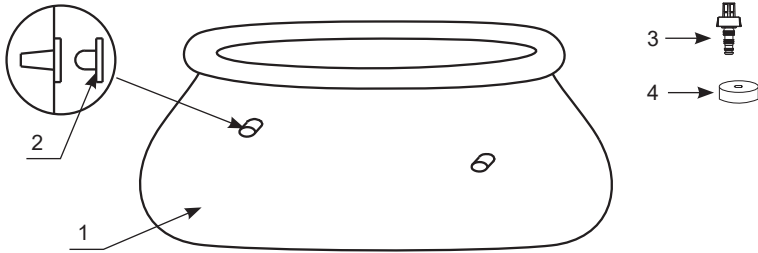
### Safe use of the pool

- Encourage all users especially children to learn how to swim.
- Learn Basic Life Support (Cardiopulmonary Resuscitation - CPR) and refresh this knowledge regularly. This can make a life-saving difference in the event of an emergency.
- Instruct all pool users, including children, what to do in case of an emergency
- Never dive into any shallow body of water. This can lead to serious injury or death.
- Do not use the swimming pool when using alcohol or medication that may impair your ability to safely use the pool.
- When pool covers are used, remove them completely from the water surface before entering the pool.
- Protect pool occupants from water related illnesses by keeping the pool water treated and practicing good hygiene. Consult the water treatment guidelines in the user's manual.
- Store chemicals (e.g. water treatment, cleaning or disinfection products) out of the reach of children.
- Removable ladders shall be placed on a horizontal surface.
- Observe and follow the warnings and safety signs on the pool wall.

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### PARTS REFERENCE

Before assembling your product, please take a few minutes to check the contents and become familiar with all the parts.



**NOTE:** Drawings for illustration purpose only. Actual product may vary. Not to scale.

REF NO.	DESCRIPTION	QUANTITY	SPARE PART NO.
1	POOL LINER (DRAIN VALVE CAP INCLUDED)	1	13020
2	STRAINER HOLE PLUG (WITH 1 EXTRA)	3	10127
3	DRAIN CONNECTOR	1	10201
4	DRAIN VALVE CAP	1	10649

**SAVE THESE INSTRUCTIONS**

## POOL SETUP

### IMPORTANT SITE SELECTION AND GROUND PREPARATION INFORMATION



# WARNING

- **The pool location must allow you to secure all doors, windows, and safety barriers to prevent unauthorized, unintentional or unsupervised pool entry.**
- **Install a safety barrier that will eliminate access to the pool for young children and pets.**
- **Failure to set up the pool on flat, level, compact ground and to assemble and fill with water in accordance with the following instructions could result in the pool's collapse or the possibility that a person lounging in the pool could be swept out/ejected, resulting in serious injury or property damage.**
- **Risk of electric shock: connect the filter pump only to a grounding type receptacle protected by a ground-fault circuit interrupter (GFCI) or residual current device (RCD). To reduce the risk of an electrical shock, do not use extension cords, timers, plug adapters or converter plugs to connect the pump to an electrical supply. Always provide a properly located outlet. Locate the cord where it cannot be damaged by lawn mowers, hedge trimmers, and other equipment. See the filter pump manual for additional warnings and instructions.**
- **Risk of serious injury: do not attempt to assemble pool in high wind conditions.**

**Select an outdoor location for the pool with the following requirements in mind:**

1. The area where the pool is to be set up must be absolutely flat and level. Do not set up the pool on a slope or inclined surface.
2. The ground surface must be compacted and firm enough to withstand the pressure and weight of a fully set up pool. Do not set up the pool on mud, sand, soft or loose soil conditions.
3. Do not set up the pool on a deck, balcony or platform, which may collapse under the weight of the filled pool.
4. The pool requires at least 4 feet of space all around pool from objects that a child could climb on to gain access to the pool.
5. Grass under the pool will be damaged. Splash out chlorinated pool water could damage the surrounding vegetation.
6. Eliminate all aggressive grasses first. Certain types of grass such as St. Augustine and Bermuda, may grow through the liner. Grass growing through the liner it is not a manufacture defect.
7. The area shall facilitate drainage of the pool water after each use and/or for long term pool storage.

## SAVE THESE INSTRUCTIONS

## POOL SETUP (continued)

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You may have purchased this pool with the Intex Krystal Clear™ filter pump. The pump has its own separate set of installation instructions. First assemble your pool unit and then set up the filter pump.

Estimated assembly time 10~30 minutes. (Note the assembly time is only approximate and individual assembly experience may vary.)

### 1. Liner preparation

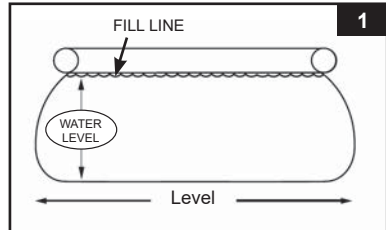
- Find a flat, level location that is free and clear of stones, branches or other sharp objects that may puncture the pool liner or cause injury.
- Open the carton containing the liner, etc., very carefully as this carton can be used to store the pool during the winter months or when not in use.

- Take out the liner (1) and spread it over the cleared area, with the drain valve directed towards the draining area. Place the drain valve away from the house.

**IMPORTANT: Always set up the pool unit with at least 2 persons. Do not drag the liner across the ground as this can cause liner damage and pool leakage (see drawing 2).**

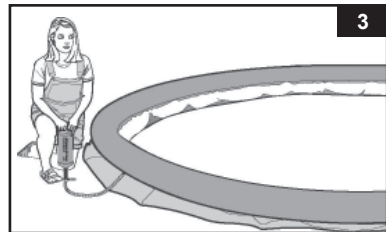
- During the setup of the pool liner, point the hose connections or openings in the direction of the electrical power source. The outer edge of the pool should be within reach of the pump's electrical connection.

- Lay out the pool. Spread out the plain blue sides and make the pool floor as smooth as possible (see drawing 2).



### 2. Ring inflation

- Flip the top ring out and check that it is fully outside of the wall lining and facing up. Inflate the ring with a manual air pump (see drawing 3). Keep the top ring centered in the middle of the pool, while doing this. Other features may need to be inflated through a separate inflation valve. **IMPORTANT: Prevent bursting by not using a high-pressure pump, such as an air compressor. Do not over inflate. Preferably use an Intex manual inflation hand pump (not included).**



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## POOL SETUP (continued)

**IMPORTANT**

Proper inflation of the top ring.

The ambient temperatures of air and water have an effect on the internal pressure of the top ring. To maintain a correct internal pressure, it is best to leave some room for expansion as the sun heats the air inside the ring. During very hot weather, you must check to see whether it is necessary to release some air. This is to avoid any possible damage to the ring.

**In no event shall Intex, their authorized agents or employees be liable for damages (such as pin holes) to the inflatable top ring caused by negligence, ordinary wear and tear, abuse and carelessness, or external forces.**

**3. Hose connectors**

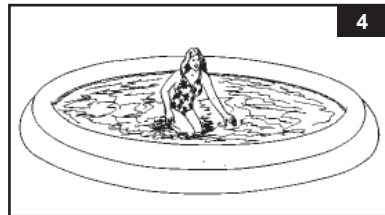
- If the pool was purchased without a filter pump, insert two black plugs (2) into the black filter pump outlets. Do this from the inside of the pool so that water will not run out when filling it.
- If the pool was purchased with a filter pump, read the Krystal Clear™ Filter Pump Manual first and then proceed to next installation step.

**4. Filling of the pool**

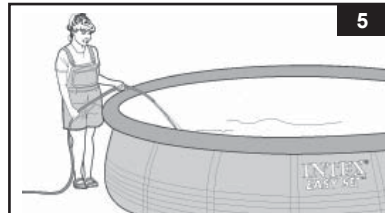
- Before filling the pool with water, ensure that the drain plug inside the pool is closed and that the drain cap on the outside is screwed on tightly. Fill the pool with no more than 1 inch of water. Check to see whether the water is level.

**IMPORTANT: If the water in the pool flows to one side, the pool is not completely level. Setting up the pool on unlevelled ground will cause the pool to tilt resulting in the sidewall material to bulge and a potential collapse of the pool. If the pool is not completely level, you must drain the pool, level the area and re-fill the pool.**

- Smooth out the bottom liner wrinkles (from inside the pool) by pushing out where the pool floor and pool sides meet. Or, (from outside the pool) reach under the side of the pool, grasp the pool floor and pull in an outward direction. If the ground cloth is causing the trouble, have 2 adults pull from opposite sides to remove all wrinkles (see drawing 4).



- Now fill the pool with water. The pool liner walls will rise while you are filling it (see drawing 5).
- Fill the pool with water up to the bottom of the inflated ring which is the recommended fill line level (see drawing 1).



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## POOL MAINTENANCE & CHEMICALS

# **WARNING**

### **REMEMBER TO**

- **Protect all pool occupants from possible water-related illnesses by keeping the pool water clean and sanitized. Do not swallow the pool water. Always practice good hygiene.**
- **Keep your pool clean and clear. The pool floor must be visible at all times from the outside barrier of the pool.**
- **Keep children away from pool covers to avoid entanglement, drowning, or other serious injury.**

- **Cleaning of the top ring**

To keep the top ring clean and free of stains, wipe the surface with a damp cloth after each use. Also cover the pool with a pool cover when not in use. If you have dark stains on the top ring surface, wipe it with a soft cloth using a solution of mild laundry detergent and water. Gently rub the stain and be careful not to let the stain debris fall into the water. Do not use strong detergents, abrasive material or brushes.

- **Water maintenance**

**The maintenance of a proper water balance through appropriate use of sanitizers is the single most important factor in maximizing the life and appearance of the liner as well as ensuring clean, healthy and safe water. Proper technique is important for testing and treating the pool water. See your pool professional for chemical, test kits and testing procedures. Be sure to read and follow the written instructions from the chemical manufacturer.**

1. Never let chlorine come in contact with the liner if it is not completely dissolved. Dissolve granular or tablet chlorine first in a bucket of water, then add it to the pool water. Likewise with liquid chlorine; mix it immediately and thoroughly with the pool water.
2. Never mix chemicals together. Add the chemicals to the pool water separately. Thoroughly dissolve each chemical before adding another one to the water.
3. An Intex pool skimmer and an Intex pool vacuum are available to assist in maintaining clean pool water. See your pool dealer for these pool accessories.
4. Do not use a pressure washer to clean the pool.

## **SAVE THESE INSTRUCTIONS**



## CAUTION

ALWAYS FOLLOW THE CHEMICAL MANUFACTURER'S DIRECTIONS, AND THE HEALTH AND HAZARD WARNINGS.

**Do not add chemicals if the pool is occupied. This can cause skin or eye irritation.** Concentrated chlorine solutions can damage the pool liner. In no event is Intex Recreation Corp., Intex Development Co. Ltd., their related companies, authorized agents and service centers, retailers or employees liable to the buyer or any other party for costs associated with the loss of pool water, chemicals or water damage. **Keep spare filter cartridges on hand. Replace cartridges every two weeks.** We recommend the use of a Krystal Clear™ Intex Filter Pump with all of our above-ground-pools.

## IMPORTANT

**Before allowing anyone to use the pool, hold a family meeting. Establish a set of rules that include, at a minimum, the important safety rules and general aquatic safety information in this manual. Review these rules on a regular basis and with all users of the pool, including guests.**

### WINTER PREPARATIONS

#### Winterizing your Above Ground Pool

**After usage, you can easily empty and store away your pool in a safe place. You must drain, disassemble and properly store the pool when the temperature drops below 41 degrees Fahrenheit (5 degrees Celsius) to prevent ice damage to the pool and related components. Ice damage can result in sudden liner failure or pool collapse. Also see the section "How To Drain Your Pool".**

**Should temperatures in your area not drop below 41 degrees Fahrenheit (5 degrees Celsius), and you choose to leave your pool out, prepare it as follows:**

1. Clean the pool water thoroughly. If the type is an Easy Set Pool or an Oval Frame Pool, make sure that the top ring is properly inflated.
2. Remove the skimmer (if applicable) or any accessories attached to the threaded strainer connector. Replace strainer grid if necessary. Be sure all accessories parts are clean and completely dry before storage.
3. Plug the Inlet and Outlet fitting from the inside of the pool with the plug provided (sizes 16' and below).
4. Remove the ladder (if applicable) and store in a safe place. Be sure the ladder is completely dry before storage.
5. Remove the hoses that connect the pump and filter to the pool.
6. Add the appropriate chemicals for the winter period. Consult your local pool dealer as to which chemicals you should use and how to use them. This can vary greatly by region.
7. Clean and drain the pump, filter housing and hoses. Remove and discard the old filter cartridge. Keep a spare cartridge for the next season.
8. Bring pump and filter parts indoors and store in a safe and dry area, preferably between 32 degrees Fahrenheit (0 degrees Celsius) and 104 degrees Fahrenheit (40 degrees Celsius).

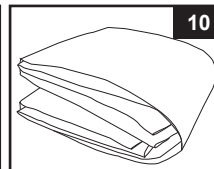
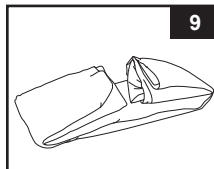
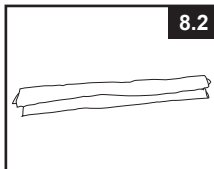
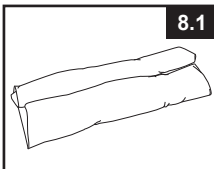
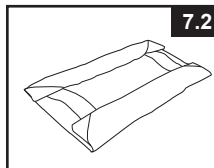
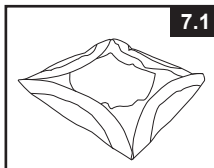
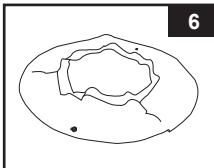
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## POOL MAINTENANCE & DRAINAGE

**EXCESSIVE RAIN: To avoid damage to the pool and over filling, immediately drain rain water that causes the water level to be higher than the maximum.**

### How to Drain Your Pool and Long Term Storage

1. Check local regulations for specific directions regarding disposal of swimming pool water.
2. Check to make sure that the drain plug inside the pool is plugged in place.
3. Remove the cap from the drain valve on the outside pool wall.
4. Attach the female end of the garden hose to the drain connector (3).
5. Place the other end of the hose in an area where the water can be safely drained away from the house and other nearby structures.
6. Attach the drain connector (3) to the drain valve. **NOTE: The drain connector will push the drain plug open inside the pool and water will start to drain immediately.**
7. When the water stops draining, start lifting the pool from the side opposite the drain, leading any remaining water to the drain and emptying the pool completely.
8. Disconnect hose and adapter when finished.
9. Re-insert drain plug in drain valve on inside of pool for storage.
10. Replace drain cap on outside of pool.
11. Completely deflate the top ring, and remove all connecting parts.
12. Be sure that the pool and all parts are completely dry before storage. Air dry the liner in the sun until completely dry before folding (see drawing 6). Sprinkle some talcum powder to prevent the vinyl from sticking together and to absorb residual moisture.
13. Create a square shape. Starting at one side, fold one-sixth of liner into itself twice. Do the same on the opposite side (see drawings 7.1 & 7.2).
14. Once you have created two opposing folded sides, simply fold one over the other like closing a book (see drawings 8.1 & 8.2).
15. Fold the two long ends to the middle (see drawing 9).
16. Fold one over the other like closing a book and finally compact the liner (see drawing 10).
17. Store the liner and accessories in a dry, temperature controlled, between 32 degrees Fahrenheit (0 degrees Celsius) and 104 degrees Fahrenheit (40 degrees Celsius), storage location.
18. The original packing can be used for storage.



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## TROUBLESHOOTING

PROBLEM	DESCRIPTION	CAUSE	SOLUTION
<b>ALGAE</b>	<ul style="list-style-type: none"> <li>Greenish water.</li> <li>Green or black spots on pool liner.</li> <li>Pool liner is slippery and/or has a bad odor.</li> </ul>	<ul style="list-style-type: none"> <li>Chlorine and pH level need adjustment.</li> </ul>	<ul style="list-style-type: none"> <li>Super chlorinate with shock treatment. Correct pH to your pool store's recommended level.</li> <li>Vacuum pool bottom.</li> <li>Maintain proper chlorine level.</li> </ul>
<b>COLORED WATER</b>	<ul style="list-style-type: none"> <li>Water turns blue, brown, or black when first treated with chlorine.</li> </ul>	<ul style="list-style-type: none"> <li>Copper, iron or manganese in water being oxidized by the added chlorine.</li> </ul>	<ul style="list-style-type: none"> <li>Adjust pH to recommended level.</li> <li>Run filter until water is clear.</li> <li>Replace cartridge frequently.</li> </ul>
<b>FLOATING MATTER IN WATER</b>	<ul style="list-style-type: none"> <li>Water is cloudy or milky.</li> </ul>	<ul style="list-style-type: none"> <li>"Hard water" caused by a too high pH level.</li> <li>Chlorine content is low.</li> <li>Foreign matter in water.</li> </ul>	<ul style="list-style-type: none"> <li>Correct the pH level. Check with your pool dealer for advice.</li> <li>Check for proper chlorine level.</li> <li>Clean or replace your filter cartridge.</li> </ul>
<b>CHRONIC LOW WATER LEVEL</b>	<ul style="list-style-type: none"> <li>Level is lower than on previous day.</li> </ul>	<ul style="list-style-type: none"> <li>Rip or hole in pool liner or hoses.</li> <li>The drain valves are loose.</li> </ul>	<ul style="list-style-type: none"> <li>Repair with patch kit.</li> <li>Finger tighten all caps.</li> <li>Replace the hoses.</li> </ul>
<b>SEDIMENT ON POOL BOTTOM</b>	<ul style="list-style-type: none"> <li>Dirt or sand on pool floor.</li> </ul>	<ul style="list-style-type: none"> <li>Heavy use, getting in and out of pool.</li> </ul>	<ul style="list-style-type: none"> <li>Use Intex pool vacuum to clean bottom of pool.</li> </ul>
<b>SURFACE DEBRIS</b>	<ul style="list-style-type: none"> <li>Leaves, insects etc.</li> </ul>	<ul style="list-style-type: none"> <li>Pool too close to trees.</li> </ul>	<ul style="list-style-type: none"> <li>Use Intex pool skimmer.</li> </ul>

## GENERAL AQUATIC SAFETY

**Water recreation is both fun and therapeutic. However, it involves inherent risks of injury and death. To reduce your risk of injury, read and follow all product, package and package insert warnings and instructions. Remember, however, that product warnings, instructions and safety guidelines cover some common risks of water recreation, but do not cover all risks and or dangers.**

**For additional safeguards, also familiarize yourself with the following general guidelines as well as guidelines provided by nationally recognized Safety Organizations:**

- Demand constant supervision. A competent adult should be appointed as a "lifeguard" or water watcher, especially when children are in and around the pool.
- Learn to swim.
- Take the time to learn CPR and first aid.
- Instruct anyone who is supervising pool users about potential pool hazards and about the use of protective devices such as locked doors, barriers, etc.
- Instruct all pool users, including children what to do in case of an emergency.
- Always use common sense and good judgement when enjoying any water activity.
- Supervise, supervise, supervise.

**SAVE THESE INSTRUCTIONS**