



4360-88

- ✓ Removes Scale, Rust, and Slime
- ✓ Lowers Head Pressure
- ✓ Safe on System Metals
- ✓ One Container per 10 Tons Capacity
- ✓ Easy to Use

# Season Start

## IMPERIAL SCALE REMOVER

*Descaler & Cleaner for Cooling Towers, Evaporative Condensers, and Other Water-Cooled Equipment*

**FOR PROFESSIONAL USE ONLY**

**Net Weight 10 lbs.**

**SPECIAL NOTES:**

- Season Start may be left in systems where the metals are not heavily corroded for up to 24 hours. For systems that are "more or less" held together by old rust or scale, the Season Start treatment should be constantly checked, drained, and flushed as soon as head pressure returns to normal.
- Do not use where there is any danger that the recirculated water containing Season Start may be carried away by the air or drained or splattered on personnel, on surrounding concrete surfaces, grass, plants, automobiles, buildings, or other surfaces that might be affected by the acid solution.
- When the system is to be shut down or is not going to be used for several days after cleaning, the solution should be drained and flushed from the system. The pH of the recirculating water should be checked and sufficient alkali added to get the pH above 7.



**DANGER**

May be corrosive to metals. Causes skin irritation. Causes serious eye irritation. May damage fertility or the unborn child.

**DIRECTIONS FOR USE:**

**This product must be used in accordance to the following directions by HVACR professionals only.**

- Shut off bleed and makeup water.
- Drain sump. Scrape or hose down loose scale and algae from slats or coil. Flush out all loose sediment from sump.
- Fill system with fresh water.
- As a starting dosage, use 10 pounds of Season Start for each 50 gallons of water in the system. If the amount of water in the system is not known, the starting dosage can be estimated from the following chart:

Capacity of System in Tons or Horsepower	Initial Dosage of Season Start
10	10 lbs.
20	20 lbs.
30	30 lbs.
50	50 lbs.
90	75 lbs.

- The recirculating water will be "green" or "light blue" in color for proper strength. When the solution turns "deep blue" or "purple" more Season Start is needed, add another dose equal to the first. Continue to repeat this process until you can maintain the cleaning solution at the proper strength (green color) for 2 hours. Completely flush the system after every third addition of product. If the system contains a lot of dirt, rust, algae, etc., so that the color indicator does not show up well, pH litmus paper may be used to double check the strength of the cleaning solution.
- Drain and flush out the sump again, removing all Season Start solution along with any loosened dirt and silt.
- Fill the system with fresh water and open bleed.
- The clean system should now be treated with Nu-Calgon's Season Treat (4364-88), the once a season tower treatment for the prevention of scale build-up and corrosion.

**Note:** To descale larger systems, Season Start is available in a 50 lb. pail, known as Imperial Scale Remover (4360-84).

**PREVENTION:** Keep only in original packaging. Wear protective gloves, protective clothing and eye protection. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Absorb spillage to prevent material-damage.

**RESPONSE: IF ON SKIN:** Wash with plenty of water. Specific treatment (see information on this label). If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF exposed or concerned: Get medical attention.

**KEEP OUT OF REACH OF CHILDREN.**

**STORAGE:** Store locked up. Store in a corrosion resistant container with a resistant inner liner.

**DISPOSAL:** Dispose of container in accordance with local, regional, national and international regulations. Contains (CAS#): Crystalline silica (14808-60-7), Ethanol, 2-butoxy- (111-76-2), Ethylene glycol (107-21-1), Ethylene oxide (75-21-8), Propylene oxide (75-56-9), Sulfamic acid (5329-14-6).

**WARNING:** This product can expose you to chemicals including ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



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