

INFO SHEET





*Performance Through
Technology and Service*

What Salt Are You Using?

Cheetham Salt (The largest producer of salt in Australia), offers an extensive selection of salt grain sizes. They range from very coarse salt used by butchers for pickling and packing meats, right down to micro-fine salt used to make butter. In between, we offer a wide variety of particle sizes to cater for all needs, from food ingredients to the manufacture of pharmaceuticals, and textiles to use in other industrial processes.

You can read more here: <https://www.cheethamsalt.com.au>

They have different grades for different needs and value points, for pools.

 <p>MERMAID FINEST SWIMMING POOL SALT</p> <p>This premium solar pool salt ensures high water clarity for family swimming pools. Although it is designed for pools with salt chlorinators, it may also be used in chlorine treated pools to give a natural feel. This product is fast dissolves quickly and is easy to use thanks to our easy open package. It should be the first choice in salt for your pool.</p>	 <p>OCEAN ULTRAFINE POOL SALT</p> <p>This an ultra-fine product is specifically engineered for pools using pool salt chlorine generators. It is naturally evaporated and no harsh chemicals are added during production. It has the highest level of purity and its ultrafine, quick and even dissolving crystals help ensure clean and clear water for your pool. Ocean UltraFine is the top-quality choice for all pool owners.</p>
 <p>SUNRAY SWIMMING POOL SALT</p> <p>Sunray washed salt is produced by solar evaporation. This medium granular salt's quality and consistency ensure its popularity. Often found in hardware and large department stores, Sunray can be used in many saltwater chlorinators.</p>	 <p>SUNRAY PREMIUM SWIMMING POOL SALT</p> <p>This premium solar pool salt is naturally evaporated and no harsh chemicals are added during production. It is fast dissolves refined salt that comes with easy opening features.</p>

Understanding Pool Salt and Its Impact on Your Pool

Salt is a natural product, so all pool salt shares the same basic properties. However, the minerals, water, contamination, and metal content can vary significantly between brands. This variation in salt quality can significantly affect the total amount of minerals and metals dissolved in your pool water over time. If these minerals are not managed properly, they can discolour and stain your pool interior, especially if your pool water balance is not maintained.

One key issue with staining from pool salt is that while pool water evaporates over time, the minerals and metals do not. These minerals remain suspended in the water, even when you top up the pool with fresh water. Over time, these minerals can precipitate, or "plate out," onto the pool surface, causing a light brown - white film that won't brush away.

Using high-quality salt can significantly reduce this mineral accumulation in your pool. Quality salt contains fewer contaminants and minerals, which helps to reduce the chances of visible staining in your pool.

Swimming Pool Salt Costs and Qualities

When buying swimming pool salt, it's important to remember that salt is sold by weight, not volume. Some low-cost brands purchase moisture-rich, low-quality salt in bulk at a low price to undercut competitors. While this salt might seem fine in terms of price and appearance, the high moisture content adds weight. This means you're effectively paying for water rather than pure salt. The actual amount of usable salt in the bag depends on the quality of the salt, not the total weight or size of the bag.

No brand or batch of salt is 100% pure and free of contaminants. However, high-quality brands generally have better quality control and accurately monitor mineral content during selection and bagging. These brands often avoid purchasing low-grade salt from suppliers. Using high-quality salt correctly can save you money over the life of your pool and actually cost you less in the long term.

See: <https://www.thepoolstainremovers.com.au> For more useful information about salt quality, keeping your pool looking sparkling and stain free.

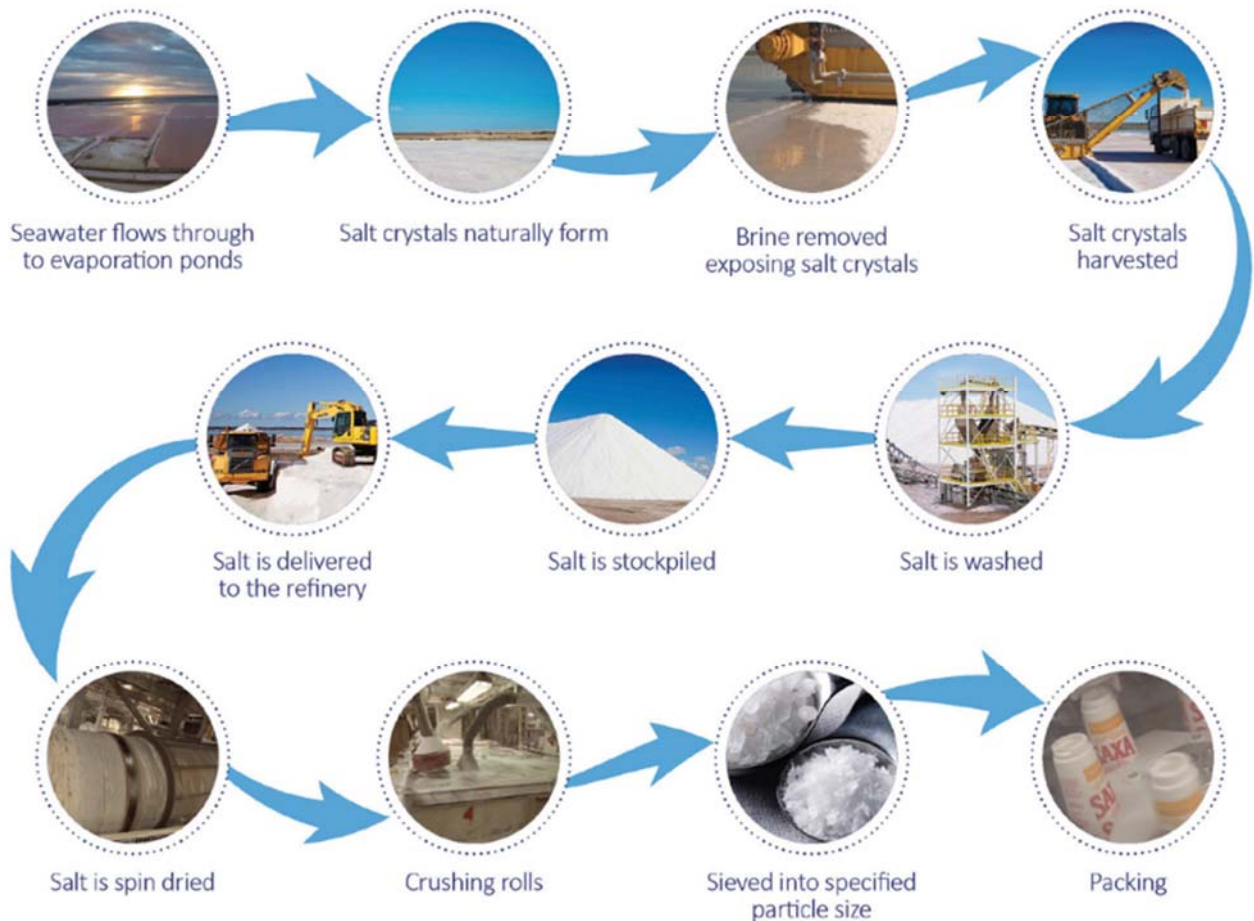


HOW IS SALT MADE?

The process begins when seawater is pumped into shallow concentrating ponds. The concentrating ponds take full advantage of the natural topography to minimise the energy required for pumping.

As the sun and wind evaporate the water, the solution becomes denser. We then guide it slowly through a series of ponds by gravity or pumping for further evaporation. The salt settles into a thick layer on the crystalliser floor and we then use mechanical harvesting equipment to separate and lift it from the crystalliser.

The salt is then crushed, washed and screened into specific particle sizes. We can then package it to suit the needs of customers. Some refined products go through a drying process to remove any excess moisture and to produce clean, consistently sized particles.



What's in Your Pool Salt?

Salt is used in a wide range of industries and so the salt is graded and purified for the end users.

On the next page there are some examples of other grades, notably food grade salt (for your chips) and baking etc.

You can see the packaging and description is very different to the descriptions for what you put in your pool.



MERMAID GOURMET CRYSTAL SALT

Mermaid Gourmet Crystal Salt (10kg) is the same as Mermaid Refined Coarse and packaged in 10kg bags. It is a popular choice in the food service and retail industries. It offers versatility for large food manufacturers and is suitable for household use.



MERMAID SUPERFINE FOOD SALT (10KG)

Mermaid Superfine Food Salt (10kg) This is our standard superfine product which is combined with a soluble anticaking agent for the food service and retail sector. This product is popular in the catering industry and is often sold to restaurants and cafes.



OCEAN SEA SALT FLAKES

Ocean Sea Salt Flakes are specifically manufactured for gourmet cooking. This naturally evaporated sea salt is recrystallised under controlled conditions. The light delicate salt is often described as 'snowflakes'. It is the perfect addition to any dish and is used in many prestige kitchens.



MERMAID FLOSSY IODISED

Mermaid Flossy Iodised has an average particle size of 1.0mm. An all-purpose, medium granular salt, it is well suited to a wide range of applications. This is most popular salt in the baking industry and it is suitable for almost all baking applications.

In the USA they have available a higher purity pool salt.



Here is US Pharmacopeia Grade Product (meaning can be used in foods). Note that 18Kg bags sells for about \$US50 (about \$Au 70 -80) This grade has less contamination and metals and thus higher purity. This grade of salt is not generally used in pools in Australia, as it priced similarly.

You have a choice for your pool and the better the quality (less metals and containments) the easier it will be to keep your pool and surfaces looking perfect. But it does come at a higher initial cost, and less cost and hassles over time.