SURAJ CHEMICALS

SunSPC

Pool chlorine, made simple.

High-strength calcium hypochlorite granules for swimming pools. They dissolve fast, add no cyanuric acid, and come in a 25 kg drum for pool operators and facility managers.

- 70% min available chlorine
- 0.25–2 mm granules
- 25 kg drum



From the
Sun Brand™ range of
Suraj Chemicals

+91 70927 22822 · +91 98402 84032 · sales@surajchemicals.com · www.surajchemicals.in

ABOUT THE PRODUCT

Why pools choose SunSPC

SunSPC is white, granular calcium hypochlorite, made for swimming pool chlorination. It releases chlorine quickly, so it handles routine dosing and shock treatment after heavy use, rain or algae. With no cyanuric acid in it, there is nothing to build up over a season, which is why many operators use it as an alternative to TCCA.

01
High available chlorine

At least 70%, so a small quantity treats a large pool.

02
Fast dissolving

90% of the granules are 0.25 to 2 mm and dissolve quickly in a bucket.

03
No cyanuric acid

No stabiliser build-up over the season, so chlorine stays active.

04
Broad disinfection

A strong oxidiser against bacteria, viruses, algae and organic matter.

05
Shock ready

The same granules serve daily chlorination and shock treatment.

06
Easy to store

25 kg drum that is simple to stack, handle and keep closed.

SunSPC at a glance

Appearance	**White, fine, free-flowing granules**
Available chlorine	**70.00% min**
Granule size 0.25–2.00 mm	**90.00% min**
Moisture	**0.30% max**
CAS number	**7778-54-3**
Packing	**25 kg drum**
Transport	**UN 1748, Class 5.1, PG II**

A specification sheet and Safety Data Sheet come with every order.

MADE FOR Hotel and resort pools · Apartment and club pools · School and institutional pools · Municipal and leisure pools

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HOW TO USE

Dose SunSPC in four steps

1 Dissolve

Stir the measured SunSPC into a bucket of clean water until fully dissolved.

2 Add

Pour the solution into the balance tank or overflow drain, never straight into the pool.

3 Circulate

Keep the pump and filter running while you dose and afterwards.

4 Repeat

Test the water and dose again when free chlorine falls to 1 ppm.

SunSPC (g) = pool litres × ppm ÷ 700

700 = 1,000 × 0.70 available chlorine. The table uses this formula.

Example. A 100,000 litre pool that needs a 2 ppm rise: 100,000 × 2 ÷ 700 = about **286 g**.

Target. Keep free chlorine at 1 to 3 ppm. Use the shock column only for shock treatment. Demand varies with sun, bathers and temperature, so test and adjust.

Pool litres ↓ / ppm →	1 ppm	2 ppm	3 ppm	5 ppm	10 ppm shock
20,000	29	57	86	143	**286**
30,000	43	86	129	214	**429**
50,000	71	143	214	357	**714**
75,000	107	214	321	536	**1,071**
100,000	**143**	**286**	**429**	**714**	**1,429**
150,000	214	429	643	1,071	**2,143**
200,000	286	571	857	1,429	**2,857**
300,000	429	857	1,286	2,143	**4,286**
400,000	571	1,143	1,714	2,857	**5,714**
500,000	714	1,429	2,143	3,571	**7,143**
750,000	1,071	2,143	3,214	5,357	**10,714**
1,000,000	1,429	2,857	4,286	7,143	**14,286**

SAFE USE

Handle with care, store it right

Do

- Test pH and chlorine before every dose.
- Keep pH between 7.2 and 7.8.
- Dissolve fully in a bucket, then add to the balance tank or overflow drain.
- Stir with a non-metallic stirrer.
- Wear gloves, goggles and protective clothing.

Don’t

- Don’t add water to the chemical; add the chemical to water.
- Don’t throw granules into the pool.
- Don’t overdose to skip a second dose.
- Don’t dose when pH is out of range.
- Don’t handle with bare hands.

Storage

- Keep the 25 kg drum tightly closed, cool, dry and shaded.
- Keep away from heat, flames, oils and organic material.
- Store apart from other pool chemicals, locked and out of children’s reach.
- Use stock in rotation, within 3 to 6 months of manufacture as a guide.

NEVER MIX SunSPC with acids, ammonia, TCCA, other chlorine products or organic matter. Contact releases toxic chlorine gas and can cause fire.

Hazards	Strong oxidiser (H271); harmful if swallowed (H302); severe skin burns and eye damage (H314, H318); respiratory irritation (H335); very toxic to aquatic life (H400, H410).
First aid	Skin or eyes: rinse with plenty of water for at least 15 minutes and get medical help. Do not induce vomiting if swallowed.
Fire or spill	Flood with large amounts of water only. No dry chemical, foam or CO_2. Keep spills out of drains.

Suraj Chemicals, 92 Govindappa Naicken Street, Shiva Complex, Chennai – 600001, Tamil Nadu, India · GSTIN 33ACEPV8190L1ZZ · Emergency: +91 70927 22822. For industrial and institutional use. Values are typical and may change without notice; run your own tests and read the Safety Data Sheet before use.