

Step 3 - Algae Prevention: Algae Free Water

This is the third and final step in our Poolstop.co.uk information guides. To download our other information guides, please visit www.poolstop.co.uk and follow the link on the homepage.

Algae are a microscopic, single celled plant life that reproduces rapidly. It costs far more to cure an algae problem than it does to prevent it. Periodic application of **Sunspot Super Algaecide, Super Black Algaecide** or **Liquid Algaecide** prevents algae from multiplying.

Sunspot Liquid Algaecide

Algae Prevention

Features

Algae prevention
Non-metallic
Proven product

Benefits

Reduced risk of algae
Won't stain surfaces
Customer satisfaction

Application:

Always maintain pH level within the range 7.2-7.6. Check chlorine level and ensure that it is maintained within the ideal range 1-3mg/l (ppm).

Apply **Sunspot Liquid Algaecide** directly to the pool near the returning water inlets with the filtration system running. After applying the initial dose, this product should be used weekly.

Pool Volume		Dose Rate	
M ³ (Ltrs)	Gallons	Initial	Weekly
4.55 (4,545)	1,000	60ml	19ml
11.36 (11,364)	2,500	150ml	38ml
22.73 (22,730)	5,000	300ml	75ml
45.45 (45,455)	10,000	600ml	150ml

Sunspot Super Algaecide

Destroyer of many algae types.

Features

Broad spectrum destroyer
Multifunctional formula

Well complexed
treatment

Formulated to work in pool pH
ranges

New generation product
Better product

Benefits

Proven killer of many algae types
Performs a variety of functions
Works fast
Easier for the consumer
Improved performance
No need to remove the copper after

Easy to use

Market Security
Higher customer satisfaction levels

Algae Destruction

Vacuum all leaves and debris from the pool floor. Brush visible algae from all pool surfaces. Ensure the pH is between 7.2-7.6. Ensure a minimum of 3mg/l (ppm) of free chlorine is present. If the chlorine figure is below this level, treat the pool with **Sunspot Granular Shock** or **Sunspot Q.D. Granular Shock**. Leave to circulate for one hour. Dilute Sunspot Super Algaecide in a clean container using clean water and add at the following rates:-

Pool Volume		Dose Rate		
M ³ (Ltrs)	Gallons	Algae Destruction	Initial (Prevention)	Weekly (Prevention)
4.55 (4,545)	1,000	45ml	23ml	5ml
11.36 (11,364)	2,500	113ml	56ml	12ml
22.73 (22,730)	5,000	225ml	113ml	23ml
45.45 (45,455)	10,000	450ml	225ml	45ml

In cases of severe algae growth, the above procedure may need to be repeated after 2-4 days.

Clarifying Chemicals

A pool that is routinely cloudy indicates something fundamentally wrong with the way the pool is being treated and should be investigated without delay. A pool, particularly a public pool, should remain crystal clear at all times.

Sunspot Sparkle Tabs

Water Clarifying Tablets

Features

Tablet Form
Clarifying Agent
Improves filter efficiency

Benefits

Easy to use
Restores water sparkle
Reduces chemical costs

Application:

- Add 1 tablet to the skimmer basket or pump strainer basket per 40 m³ (9,000 gallons)

Check pH is between 7.2-7.6. Keep filtration running for at least 48 hours after initial application.

Caution: Ensure the skimmer is clean and does not contain other chemicals.

Sunspot Waterline Cleaning Paste

Waterline Cleaning Paste

Features

Paste
Quick acting

Benefits

Easy to use
Fast clean up

Application:

Shake bottle before use.

- Apply a small amount of cleaner onto a damp cloth and rub soiled area vigorously.

Note: Remove excess cleaner. Polish with a clean dry cloth.

Caution: Handle with care. Always wear gloves when applying the product.

Not suitable for use on liner pools.

Sunspot Super Tile & Liner Cleaner

Concentrated Tile & Liner Cleaner

Features

Liquid

Highly concentrated Tile & Liner Cleaner

Quick acting

Benefits

Easy to use

Powerful cleaner

Fast clean up

Application:

- Apply with a sponge, cloth or soft brush. Scrub briskly where there is Excessive scale & grime build up. After 3 minutes, wipe surface promptly with a damp cloth, rinse with copious amounts of water.

Sunspot Super Tile & Liner Cleaner will clean, descale and restore tile, chrome, vinyl, masonry, fibreglass and other pool surfaces to their original lustre.

Note: This product should not be used on marbelite, porcelain, enamel surfaces or metallic glazed tiles. Try on a small test area to ensure compatibility.

Caution: PPE (gloves and goggles) should be worn when using this product.

Sunspot Tile & Liner Cleaner

Tile & Liner Cleaner

Features

Formulated for all pool types
Liquid
Quick acting

Benefits

Many applications
Easy to use
Fast clean up

Application:

- Apply with a sponge, cloth or soft brush. Scrub briskly where there is Excessive scale & grime build up. After 3 minutes rinse with plenty of Water.

Note: Try on a small test area to ensure compatibility.

Caution: PPE (gloves and goggles) should be worn when using this product.

Sunspot Chlorine Reducer

Chlorine/Bromine Neutraliser

Features

Lowers chlorine/bromine
Allows faster use of pool operation
Completely soluble
Dissolves instantly

Benefits

Specific problem solver
Useful for commercial pool
No residue, no cloudiness
Works quickly

Application:

Allow super chlorination treatment at least 8-12 hours to oxidise waste and chloramines from the pool water.
Measure free chlorine in the water using a test kit immediately before adding **Sunspot Chlorine Reducer**.

Pool Volume		Dose Rate		
M ³ (Ltrs)	Gallons	1mg/l (ppm)	3mg/l (ppm)	5mg/l (ppm)
4.55 (4,545)	1,000	23g	68g	114g
11.36 (11,364)	2,500	57g	171g	285g
22.73 (22,730)	5,000	114g	341g	570g
45.45 (45,455)	10,000	227g	682g	1.14 kg

Add **Sunspot Chlorine Reducer** by pre-dissolving in a clean container with clean water and add the resulting solution to the pool near the inlets with the filtration system in operation.

Caution: Do not add through skimmer

WARNING: Never use more than the required amount of this product as a chlorine demand may occur. Divide the total into smaller doses. Add one dose at a time, allow to circulate for a full turnover period, re-test chlorine level and repeat dose if necessary.

Sunspot Conquest Powder

Assists stain and scale prevention

Features

Pre-measured Sachet
Prevents scaling
May help remove fresh stains

Benefits

Easy, accurate application
Protects equipment
Problem solver

Application:

- Use 500g per 50m³ (11,000 gallons). A second dose may be needed in hard water areas.

Pre-dissolve in clean hot water, in a clean container. When most of the product is dissolved, pour into the skimmer.

Use when calcium hardness exceeds 450mg/l (ppm) or when saturation index exceeds +0.5.

If stains or scale are visible, brush affected area daily. Run filtration as usual.

Caution: Ensure the skimmer is clean and does not contain other chemicals.

Sunspot Longlife Summertop

Long Life Summer Algaecide

Features

Trusted product

Effective over a number of months

Algae prevention

Benefits

High customer satisfaction levels

Less work for the customer

Economical

Less pool 'down time'

Application:

Add this product directly to the pool near the returning water inlets with the filtration system running.

Pool Volume	Pool Volume Gallons	Dose Rate
4.55 (4,545)	1,000	165ml
11.36 (11,364)	2,500	415ml
22.73 (22,730)	5,000	830ml
45.45 (45,455)	10,000	1.67 Lt

Check pH is between 7.2-7.6.

Sunspot Super Winterclean Concentrate

Highly Concentrated Winterising Algaecide

Features

Highly concentrated formula
gallons

Non-metallic

Tried & tested formulation
levels

Benefits

1 litre treats up to 12,500

Economical, use less

Non-staining formulation

Higher customer retention

Application:

For best results it is recommended that this product is not used until the pool water temperature drops to 10°C or lower.

Note: Prior to dosing with **Sunspot Super Winterclean Concentrate**, it is recommended that chlorine or bromine pools are shock treated with a **Sunspot Granular Shock** or **Sunspot Q.D. Granular Shock** to achieve a free chlorine reading of between 5 – 10mg/l (ppm).

Add this product directly to the pool near the returning water inlets with the filtration system running.

Pool Volume	Pool Volume Gallons	Dose Rate
4.55 (4,545)	1,000	80ml
11.36 (11,364)	2,500	200ml
22.73 (22,730)	5,000	400ml
45.45 (45,455)	10,000	800ml

If necessary, adjust the pH of the pool to between 7.5-7.8.

Note: Periodically during the winter, it is advisable to check the disinfection level and if it is low, shock dose to increase it. This is particularly recommended in early spring as the air and water temperatures begin to rise.

Sunspot Wintertop

Non Copper Winterising Algaecide

Features

Non-metallic

&

Sunspot Product

Tried & tested formulation levels

Benefits

Non-staining formula

Compatible with chlorine, bromine

Baquacil

High customer satisfaction levels

High customer retention

Application:

For best results it is recommended that this product is not used until the pool water temperature drops to 10°C or lower.

Note: Prior to dosing with **Sunspot Wintertop**, it is recommended that chlorine or bromine pools are shock treated with a **Sunspot Granular Shock** or **Sunspot Q.D. Granular Shock** to achieve a free chlorine reading of between 5 – 10mg/l (ppm).

Add this product directly to the pool near the returning water inlets with the filtration system running at the following rates:-

Pool Volume	Pool Volume Gallons	Dose Rate
4.55 (4,545)	1,000	420ml
11.36 (11,364)	2,500	1.05 Ltrs
22.73 (22,730)	5,000	2.10 Ltrs
45.45 (45,455)	10,000	4.20 Ltrs

If necessary, adjust the pH of the pool to between 7.5-7.8.

Note: Periodically during the winter, it is advisable to check the disinfection level and if it is low, shock dose to increase it. This is particularly recommended in early spring as the air and water temperatures begin to rise.

Sunspot Blue Wintershield

Long Life Winterising Algaecide

Features

Copper based winterising algaecide
Trusted product

Benefits

Long life formulation
High customer satisfaction levels

Application:

Note: Prior to dosing with **Sunspot Blue Wintershield**, it is recommended that pools are shock treated with **Sunspot Granular Shock** or **Sunspot Q.D. Granular Shock**.

If necessary adjust the pH of the pool water to between 7.2-7.6 after shock treatment.

Add this product directly to the pool near the returning water inlets with the filtration system running at the following rates:-

Pool Volume	Pool Volume Gallons	Dose Rate
4.55 (4,545)	1,000	420ml
11.36 (11,364)	2,500	1.05 Ltrs
22.73 (22,730)	5,000	2.10 Ltrs
45.45 (45,455)	10,000	4.20 Ltrs

Note: Periodically during the winter, it is advisable to check the disinfection level and if it is low, shock dose to increase it. This is particularly recommended in early spring as the air and water temperatures begin to rise.

Caution: This product is not compatible with pools running on Baquacil.