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PROFESSIONAL SOLUTIONS

ecowise™
Backed by science. *Inspired by nature.*

Eco Friendly Pest Control.

Spinout™

INSECTICIDE

With Natural Spinosad



Introducing SPINOUT™ 133 SC Insecticide – Natural Power, Professional Results

Sundew's commitment to pioneering innovation in eco-conscious pest management continues with the launch of **Spinout™ 133 SC Insecticide**, the latest addition to the trusted **Sundew ecowise™ range**. This next-generation suspension concentrate formulation contains 133 g/L Spinosad, a naturally derived active that delivers reliable and sustained control of **cockroaches, ants, and flies**. Whether you're servicing a domestic home, food handling establishment, or a public building, **Spinout offers a versatile and effective solution** for pest professionals seeking a more sustainable approach to pest management.

The Science Behind Spinout – Spinosad Mode of Action

Spinosad is a unique active ingredient derived from *Saccharopolyspora spinosa*, a naturally occurring soil bacterium. It acts primarily through ingestion and contact, affecting the insect's nervous system. Once exposed, Spinosad causes involuntary muscle contractions, tremors, and eventual paralysis. This mode of action results in the **rapid cessation of feeding**, followed by death within hours to a few days depending on the insect species.

Cockroaches and ants are particularly susceptible due to their grooming behaviour and high level of contact with treated surfaces. When applied as a **crack and crevice spray for cockroaches**, Spinout targets pest harbourages, delivering effective population knockdown. For **flies**, Spinout offers a dual-action approach – use it as a residual treatment or mix with sugar to create a **highly attractive bait** spray that lures and eliminates adult flies quickly. For ants, target trails and direct application into nests for excellent eco-control.

Why Spinosad Is Different – And Why That Matters

Unlike conventional synthetic insecticides such as pyrethroids or organophosphates, Spinosad belongs to the **naturally derived spinosyn chemical class**, which has a completely different mode of action (Group 5 Insecticide). This unique classification is essential for **rotational resistance management**, especially in high-pressure environments where traditional chemistries may have become less effective over time.

Spinosad's distinct mode of action also means there is **minimal cross-resistance with other commonly used insecticide groups**, making it a **smart choice for Integrated Pest Management (IPM) programs**.

PRODUCT SPECIFICATIONS

Active constituent:	Spinosad 133 g/L
Formulation type:	Suspension concentrate
Pack size:	500 mL easy measure chamber pack (Order code: SUN078)
Chemical group:	Spinosyns
Schedule:	CAUTION

Pest Claims: A liquid concentrate formulation to be mixed with water and used as a spray for the control of house flies, cockroaches, and black ants in and around agricultural animal premises, domestic, commercial, industrial, public buildings and facilities.

Key Features:

- Natural active ingredient – contains Spinosad, derived from a soil bacterium
- Low mix rate - only 6 mL per litre
- Use as residual or fly bait (with sugar)
- Ideal for eco-conscious treatment sites
- Non-repellent - supports IPM strategies

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Nature's Smart Solution.

It provides pest managers with a powerful alternative for situations requiring a reduced-risk or natural-based solution without compromising on performance.

Safety and Confidence – Around People, Pets, and the Environment

One of the key advantages of Spinosad is its **exceptional safety profile**. With low mammalian toxicity and minimal impact on beneficial insects when used correctly, Spinout offers peace of mind for use in **sensitive environments**. It's approved for application in diverse indoor and outdoor spaces, including **hospitals, schools, food preparation areas**, and even **public transport**.

Spinout is **non-repellent**, ensuring that crawling insects unknowingly traverse treated surfaces and receive a lethal dose. And thanks to its **low mix rate of only 6 mL per litre of water**, pest professionals can deliver cost-effective and environmentally mindful control with every application.

Meeting the Demand for Eco-Friendly Pest Control

The demand for **eco-conscious pest management** is growing rapidly among residential, commercial, and institutional customers. Spinout was developed specifically to meet this demand, as part of the **Sundew ecowise™ range** – a line of products purpose-built for professionals who want **natural-based treatments** that deliver real results.

Customers increasingly expect pest control options that are effective but also safe for their families, pets, and the planet. With Spinout, pest managers can now offer a **powerful solution backed by nature and science**, without compromising on efficacy or professionalism.

Versatile Application for Every Situation

Spinout has been approved for use across an impressive range of sites, reflecting the versatility and safety of its formulation. These include:

- Domestic and commercial premises
- Food processing plants and meat works (non-product areas)
- Hotels, hostels, and backpacker accommodation
- Hospitals and schools
- Offices, factories, ships, trains, and aeroplanes
- Farm buildings, storerooms, rubbish tips, and external surrounds

Whether used indoors or outdoors, Spinout provides residual protection for surfaces where ants and flies walk, rest, or breed. It is an **ideal direct target crack & crevice partner product with Sundew's Spinogel™ Roach bait**, allowing professionals to build a **complete natural treatment plan** for customers seeking a nature-based or low-impact pest management strategy.

Convenient Packaging for Professional Use

Spinout is supplied in a **compact and convenient 500 mL easy-measure chamber pack**, making it simple to mix and measure in the field. Its low use rate and wide coverage mean fewer refills, faster service, and better efficiency for the technician.



Smart. Natural. Effective.

Natures Smart Solution for Pest Control

Spinout 133 SC Insecticide is the perfect choice for professionals wanting a **naturally derived, low-toxicity treatment** that still delivers reliable results. Designed for sensitive environments and eco-conscious clients, Spinout fits seamlessly into **modern Integrated Pest Management programs**.

> *"At Sundew, we know that modern pest control professionals are looking for smarter, safer, and more sustainable solutions. Spinout 133 SC delivers all the performance they expect from a professional-grade product – but with the natural power of Spinosad. It's the perfect fit for today's eco-aware market."*
>
> **– David Priddy, CEO, Sundew Solutions**

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