

SIP

SPECIALITY OILS AND FLUIDS

SIPSPRAY

A range of
paraffinic oils for
effective pest
control

- Highly refined paraffinic oils for use as adjuvants in a wide variety of crop protection formulations
- Enhances insecticide and post-emergent herbicide efficacy
- Fungicidal effect to help control plant diseases
- Formulated to be used throughout multiple growing seasons
- Can be used in organic farming

- ✓ **Narrow distillation range**
- ✓ **Ultra-high unsulphonated residue levels**
- ✓ **Optimised viscosity for retention on plants**
- ✓ **Readily emulsifiable**
- ✓ **No pest resistance on the target species**
- ✓ **Safe to end-user and the environment**
- ✓ **Readily biodegradable**

SIP Specialty Oils and Fluids is well known for its extensive range of viscosity grades of highly refined and very pure mineral white oils. These have been carefully selected for use in its SIPSPRAY range of products for crop protection. These very pure SIPSPRAY oils combine optimal pesticidal strength with low phytotoxicity, being the perfect solution to fight plant pests in a wide variety of crops.

They offer an alternative physical mode of action with no pest resistance recorded. SIPSPRAY oils form a protective barrier against insects, mites and plant diseases. It eliminates insects, eggs and mites by suffocating

them, deterring feeding and inhibiting the spread of plant disease. SIPSPRAY oils are highly effective and versatile, as they can be used as insecticide and herbicide adjuvants but they also have a fungicidal and enhancing effect.

SIPSPRAY oils can be used in the composition of plant protection products for organic farming. They can be incorporated into other integrated pest management strategies, as they are compatible with the auxiliary fauna, avoid the development of pest resistance, leave no residues and have a low toxicological and eco-toxicological profile.

SIPSPRAY 12

Is a highly refined paraffinic mineral oil that meets the stringent specifications for agricultural spray oils. SIPSPRAY 12 has a superior performance with ultra-high unsulphonated residue levels and a narrow distillation range. It has an optimized distillation midpoint to allow the oil to evaporate slower and protect the plant life for longer with no risk of phytotoxicity.

Specifically designed for efficient control of insects, mites and fungus on citrus, vines and olive trees. Suitable for both dormant and growing season uses in a wide variety of crops.

PROPERTIES	SIPSPRAY 12
Saybolt Colour	+30
Kinematic Viscosity @ 40°C (cSt)	12.0
Pour Point (°C)	-33
Unsulphonated Residue (UR)	99

SIPSPRAY 12E

PROPERTIES	SIPSPRAY 12E
Saybolt Colour	+30
Kinematic Viscosity @ 40°C (cSt)	12.0
Pour Point (°C)	-33
Unsulphonated Residue (UR)	99

Is a concentrated formula produced with a highly refined paraffinic mineral oil and a well balanced emulsifier package that when mixed with water, creates a milky emulsion with high stability to efficiently control insects, mites and fungus on citrus, fruit trees, vegetables and other crops.

SIPSPRAY 12E has a superior performance with ultra-high unsulphonated residue levels and a narrow distillation range. It exhibits low phytotoxicity and has an optimised viscosity for retention on plants. SIPSPRAY 12E has been used successfully for many years to protect potato crops.

SIPSPRAY 12 meets the requirements of the European Pharmacopoeia.

SIPSPRAY 15

Is a highly refined, extremely pure medicinal grade white mineral oil that is safe for direct food use. It is biodegradable and safe to end-users, and leaves no persistent residues so has little or no impact on the environment. It can be used in organic farming in a broad range of crops.

SIPSPRAY 15 has a superior performance with ultra-high unsulphonated residue levels, a narrow distillation range and an optimised viscosity for retention on plants. It can be used as a carrier for fungicides and insecticides to control plant diseases.

SIPSPRAY 15 meets the requirements of the European Pharmacopoeia.

PROPERTIES	SIPSPRAY 15
Saybolt Colour	+30
Kinematic Viscosity @ 40°C (cSt)	15.0
Pour Point (°C)	-21
Unsulphonated Residue (UR)	99

Readily Biodegradable

SIPSPRAY 20

PROPERTIES	SIPSPRAY 20
Saybolt Colour	>+24
Kinematic Viscosity @ 40°C (cSt)	20.0
Pour Point (°C)	-18
Unsulphonated Residue (UR)	>95

Is a high-purity technical grade spray oil designed to be more effective during the dormant-season before the flower buds begin to open, as it remains on the plant longer ensuring low phytotoxicity while maximizing pesticidal strength.

This emulsifiable dormant oil kills off over-wintering insects such as aphids, mites, and scale on olive trees, stone fruit trees, almonds and grapevines.

SIPSPRAY 20 meets the requirements of the European Pharmacopoeia.

SIP SPECIALITY OILS AND FLUIDS

For more than 35 years SIP Speciality Oils and Fluids has been a respected and recognised independent marketer and distributor. Based in London, we have been supplying customers in Europe and the wider African and Middle Eastern markets for many years. SIP has one of the most comprehensive product portfolios, covering a wide range of base fluids for many product applications. We are especially known for our extensive range of viscosity grades of

mineral white oils with Halal, Kosher and Vegan approvals. We manage our own vessel and road tanker operations in-house, based around our storage hub in North West Europe. SIP's technical team have many years experience in helping customers to formulate products and they take pride in understanding our customers requirements and concerns. They will be happy to work with you to identify the most appropriate solutions in our current and future portfolio to meet your needs!



See how we can help your business
+44 (0)20 7717 0100 enquiries@sip.com www.sip.com

SIP Limited
China Works
100 Black Prince Road
London SE1 7SJ
United Kingdom

