



Sun Systems UK  
Your Reliable Source for Solar Systems.

# Sun Systems SS10 CONCENTRATE

## CONCENTRATED HEAT TRANSFER FLUID FOR SOLAR HEATING SYSTEMS

### Key Benefits

- Formulated and manufactured in the UK
- Stock availability - with next day delivery
- Technical Support
- 200 deg c rated corrosion inhibitors formulated to withstand periodic stagnation of solar collectors
- Sun Systems SS10 exceeds BS6580 corrosion standards
- Non –Toxic to humans or animals
- Environmentally friendly-readily biodegradable
- Provides freeze protection down to –50 deg c
- High thermal efficiency
- Non volatile and Non - Hazardous for storage and transport.

### Product Information

Sun Systems SS10 has been specially formulated for use in solar collectors. It is based on propylene glycol blended with corrosion inhibitors. All the constituents of Sun Systems SS10 are biodegradable, with 90% degradation taking place over the first 30 days. SS10 has a very low order of oral toxicity and can be classified as 'Relatively Harmless' (aka non toxic) with an LD50 rating (oral rat) in excess of 20,000 mg /kg of body weight. The specialist inhibitors contained in SS10 are specifically formulated to withstand high temperatures and have been successfully tested to 300 deg c for short periods - eg during stagnation. The inhibitors are formulated to protect the metals contained within solar collectors, including copper brass stainless steel and aluminium. There is also an inhibitor that helps prevent fine solids precipitating or coating heat exchanger surfaces-thus prolonging equipment life and thermal efficiency. SS10 provides excellent frost protection, remaining fluid down to –50 deg c depending on dilution.

### Application

SS10 is a concentrate heat transfer fluid that can be diluted with good quality water, to achieve various freeze protection temperatures. Please refer to the technical application sheet for more information.

### Fluid Maintenance Program

We always recommend the fluid is tested annually .

### Availability

SS10 is packed in 10l containers, is always available from stock and can be dispatched for next day delivery.

### Storage

SS10 Should be stored in a cool dry place, drums should be kept sealed. It is classed as not hazardous for storage and transport.

### Health & Safety

Please consult the safety data sheet.

**MAXIMISE SOLAR HEATING EFFICIENCY WITH SS10 CONCENTRATE FROM**



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