

Sentinel X800 Jetflo

Heavy Duty Power Flushing Cleanser (Ferroquest)

Features & Benefits

- Specifically developed for use with power flushing equipment
- Effective hot or cold
- Removes iron & calcium based deposits
- Restores circulation & system efficiency
- Neutral cleaner
- No neutralisation procedure is needed
- Safe and easy to handle

Application

Sentinel X800 Jetflo is a powerful, highly active cleaning agent for use in central heating systems. It is specifically designed for use in conjunction with power flushing equipment and will remove objectionable iron oxide and calcium based deposits from heat exchangers, radiators and pipe work. Its unique composition allows Sentinel X800 Jetflo to act as a complexing and penetrating dispersant under neutral pH conditions, eliminating the need to clean with conventional acids and the problems associated with them. The formulation also contains agents to help protect metal from corrosion.

Sentinel X800 Jetflo is suitable for use with all commonly encountered metals and alloys. Aluminium may be cleaned, but a maximum cleaning time of 3 hours is recommended.

Dosing & Feeding

Sentinel X800 Jetflo should be dosed at 1% of system volume, i.e. 1 litre per 100 litres of system water. To clean an existing system in accordance with BS7593, Sentinel X800 Jetflo should be circulated, preferably at normal operating temperature, with all valves open and the pump turned to maximum flow for a minimum period of 1 hour or until satisfactory performance is restored. Where systems are badly fouled, a 2% solution is recommended, i.e. 2 litres

per 100 litres of system water, but the product will not clear a completely blocked pipe,

Also for systems greater than 50,000 BTUs a 2% solution, i.e. 2 litres per 100 litres of system water should be used.

It is strongly recommended that Sentinel X800 Jetflo is used with power flushing equipment which will provide a more rapid and effective clean.

In such case, Sentinel X800 Jetflo will be administered via the power flushing equipment (follow equipment manufacturer's instructions). Alternatively the chemical can be added as follows:

Open Systems: Dose via F&E cistern, via a by-pass feeder or use a Sentinel Dosing Vessel.

Sealed Systems: If the system is empty, add to any convenient point before filling. If full, use a Sentinel Dosing Vessel to inject via the filling loop or other access point.

After cleaning, the system should be drained and flushed until the water runs clear. On refilling, the system should be treated with Sentinel X100 inhibitor, or Sentinel X500 inhibited antifreeze.

Physical Properties

- | | |
|---------------------|------------------------|
| • Appearance: | Yellow to amber liquid |
| • Odour: | Mild |
| • Specific gravity: | 1.18 (20°C) |
| • pH (concentrate): | 8.2 (approx) |
| • Freezing point: | -8°C |

Packaging

- 1 litre bottle

Safety Procedures

The information provided overleaf enables compliance with the Control of Substances Hazardous to Health Regulations. Full Material Safety Data Sheets are available upon request.

Sentinel X800 Jet Flow (Ferroquest)

Neutral descaler	An aqueous solution of synthetic organic chelants, wetting agents, and corrosion inhibitors.
Health Hazards	R36 : Irritating to eyes.
Handling	Ensure good ventilation during cleaning. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection Keep out of reach of children and animals. Wash out empty container thoroughly with water before disposal.
Storage	Keep container tightly closed. Store in cool, well ventilated area.
Spillage	Absorb on to inert material and dispose of according to Special Waste Regulations.
Fire/Explosion Risks	Non-flammable
First Aid	<p>Skin Exposure: Immediately remove all contaminated clothing. Wash exposed area immediately with plenty of soap solution or water for 15 minutes.</p> <p>Eye Exposure: Flush immediately with plenty of running water for 15 minutes. Seek medical attention.</p> <p>Ingestion : Do not feed anything by mouth to an unconscious or convulsive victim Do NOT induce vomiting! Immediately seek medical advice. If victim is fully conscious dilute contents of stomach using 3-4 glasses of water.</p> <p>Inhalation: Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.</p>