

NANOSAFE X 400 DC

Molybdate-based heavy-duty dispersant and corrosion control

Product Description

NANOSAFE X 400 DC is a molybdate-based, heavy-duty dispersant and corrosion-control chemical developed for industrial water systems operating under severe fouling conditions. It disperses particulate matter to keep suspended solids in circulation and prevent deposit buildup on heat transfer surfaces, and prevents corrosion from forming on metal surfaces, ensuring clean systems and reliable long-term operation.

Technical Properties

Physical State	Liquid	pH	7 - 9
Colour	Light brown	Density	1.10 - 1.30 g/cm ³
Odour	Mild		

Product Information

- Disperses suspended solids and deposits.
- Prevents fouling and keeps scale from adhering to surfaces.
- Maintains clean system surfaces.
- Enhances operational reliability.

Application Areas

- Open-circuit cooling tower systems.
- Tower-connected heat exchangers.

Usage Information

Shock or continuous dosing, depending on contamination level. Dosage: 0.2 - 0.4 L per 1 m³ of system water. System water must be treated (softened/purified). If untreated water is used, dosage must be reassessed based on fresh water analysis results. Monitor system parameters for optimization.

Packaging

Available packing sizes are 1 kg, 25 kg and 1000 kg IBC

Storage & Shelf Life

- Store in original containers in a cool, dry, and well-ventilated area.
- Keep tightly closed. Protect from freezing and excessive heat.
- When stored under recommended conditions, the product has a shelf life of 24 months.

Safety

May cause skin and eye irritation. Use appropriate PPE including gloves and eye protection. Avoid contact with skin and eyes; do not breathe vapours or mist.