

FINEAMIN 88 SCAV 25

OXYGEN SCAVENGER - LIQUID VOLATILE AQUEOUS MIXTURE
OF CATALYZED ORGANIC OXYGEN SCAVENGER FOR STEAM GENERATING SYSTEMS

ADVANTAGES

- Does not contain hydrazine
- Rapid rate of reaction
- Minimizes oxygen corrosion
- Improves the magnetite layer throughout the system
- Does not affect copper or copper alloys
- Compatible with «all volatile» water treatment

MODE OF ACTION

FINEAMIN 88 SCAV 25 is an aqueous mixture of catalysed DEHA 25 % used as organic oxygen scavenger for steam generating systems. The product reacts with residual dissolved oxygen in feed water, being a successful anti-corrosion substitute for the hydrazine hydrate. It can be mixed with other boiler chemicals in the same dosage tank.

Due to the volatile properties, the product is carried throughout the entire boiler system, while reacting with ferrous metals to form a passivated film of magnetite. For increased protection of the metal surfaces, this organic oxygen scavenger can be used together with FINEAMIN 06, a combination of film-forming polyamines and polymers.

ENVIRONMENTAL COMPATIBILITY

FINEAMIN PRODUCTS have been independently tested and confirmed as ecologically and toxicologically harmless by medical and hygiene institutes. Furthermore, they are almost entirely bio-degradable. For more details see EU safety data sheet.

APPLICATION AND DOSING

FINEAMIN 88 SCAV 25 is injected generally in a single point of the plant, using the existing dosing pumps and tanks (can be mixed together with FINEAMIN 15, 06, 90 etc.).

Generally, 8.0 ppm **FINEAMIN 88 SCAV 25** neutralizes 1 ppm O₂. But before any start of FINEAMIN treatment, our technical service will visit your plant and determine the best way for dosing the FINEAMIN products. They will advise you of the specific dosage requirement for your system.

PRECAUTIONARY MEASURES

FINEAMIN 88 SCAV 25 should be manipulated while wearing protective glasses, goggles and clothing. Contact with skin and clothing should be avoided.

DELIVERY

FINEAMIN 88 SCAV 25 is delivered as liquid solution in drums of 30 kg, 60 kg or 210 kg. For major customers, it is available in standard containers of 1000 kg. In closed drums, with an ambient temperature range from -5°C to 45°C, the product can be stored for up to 5 years. The drums and containers of FINEAMIN must be kept tightly sealed at all times. Avoid frost.

PROPERTIES AND INFORMATION

PHYSICAL

Form:	Liquid	Boiling point/range:	100°C
Colour:	Yellowish	Density at 20°C:	1.0+/-0.2 g/cm ³
Odour:	Amine-like	pH-value of pure product:	>11
Odour threshold:	nd	Vapour pressure at 50°C:	<110 kPa(1.10 bar)
Freezing point:	-5°C	Solubility:	Miscible with cold water in all proportions

ECOLOGICAL

Aquatic toxicity:no relevant information available
Dangerous decomposition products:.....no dangerous decomposition products known

THE FINEAMIN PRODUCTS FAMILY



FOR BOILERS / STEAM GENERATORS CLOSED LOOP COOLING OR HEATING

PRODUCT NAME	ACTIVE INGREDIENTS	TYPICAL USES
FINEAMIN 06	Polyamines & polymers	General boiler treatment, power plants <120 bars, refineries
FINEAMIN 06C	Polyamines & polymers, concentrated	Refineries, industrial processes
FINEAMIN 06 SCAV	Polyamines, polymers, oxygen scavenger	Same as FINEAMIN 06. Used for high oxygen levels in feed water
FINEAMIN SCAV 35	Oxygen scavenger amines	Oxygen reduction < 120bars
FINEAMIN 90	Polyamines	Power plants > 120 bars
FINEAMIN 24	Polymers	Maintain high pH
FINEAMIN 39	Polyamines, polymers	General boiler treatment
FINEAMIN 29	Polyamines, polymers, copper inhibitor	Closed cooling with copper

Available packaging, CP9 pallets: 30kg drum / 28 in pallet - 60kg drum / 8 in pallet - 210kg drum / 4 in pallet - 1'000kg IBC / 1 in pallet

FOR OPEN COOLING

PRODUCT NAME	ACTIVE INGREDIENTS	TYPICAL USES
FINEAMIN 47	Film-forming amines, polymers	Corrosion and scale inhibitor
FINEAMIN 47T	Film-forming amines, polymers, environmentally friendly phosphonates	Corrosion and scale inhibitor
FINEAMIN 91	Polymers, polycarboxylic acid, phosphonic acid	Corrosion and scale inhibitor
FINEAMIN 92	Polycarboxylic acid, phosphonic acid, zinc	Corrosion and scale inhibitor
FINEAMIN 95T	Environmentally friendly phosphates	Corrosion and scale inhibitor
FINEAMIN 81	Co-polymers	High-stress dispersant
FINEAMIN FINALGA ME	Isothiazoline	Biocide
FINEAMIN FINALGA 25	Quaternary ammonium	Biocide
FINEAMIN Biodispersant BOD		Biocide

Available packaging, CP9 pallets: 30kg drum / 28 in pallet - 60kg drum / 8 in pallet - 210kg drum / 4 in pallet - 1'000kg IBC / 1 in pallet



**HYDROPHOBIC
FILM FORMING
POLYAMINES**

