NC 212

Boiler Oxygen Scavenger

Oxygen scavenger for boiler water treatment

NC 212 is an oxygen scavenger for boiler water treatment. It helps reduce dissolved oxygen in boiler feedwater to minimise oxygen-related corrosion and protect boiler components.

It is part of the Novachem NC 200 Series of boiler water treatment chemicals, designed to help control corrosion, minimise scale formation, manage water chemistry, and support efficient steam boiler operation in high, medium and low pressure boilers.



Product	Document	Use	Manufactured in
NC 212	**Technical Data Sheet**	**Oxygen scavenger for boiler water treatment**	**Umm Al Quwain, UAE**

1 Applications

- Oxygen removal.
- Corrosion control.
- Boiler feedwater treatment.

2 Typical properties

Property	Typical value
Appearance	Clear liquid
Colour	Pink
Odour	Sulphur oxides
Specific gravity	1.20 ± 0.05
pH	4.2 ± 0.5
Solubility in water	Complete
Freezing / melting point	-9 °C
Boiling point	100 °C
Flash point	None

Typical values from the NC 212 Safety Data Sheet. Not to be taken as product specifications.

3 Composition

Aqueous solution containing: sodium sulphite salt (20 – 40 %); catalyst (< 1 %). The exact chemical identity is withheld as a trade secret.

4 Dosage

The dose depends on the boiler system and its operating conditions.

Contact Novachem for a dosing recommendation for your system.

5 Packaging

25 L jerrycan as standard.

Other pack sizes are available on customer request.

6 Storage and handling

Handling	Use only in well-ventilated areas. Keep away from heat. Handle and open container with care. Do not breathe gas/fumes/vapour/spray.
Storage	Keep container tightly closed. Keep in a cool, well-ventilated place away from acids or/and strong oxidising materials. Keep away from heat. Handle and open container with care. Keep from freezing.
Skin	Wear suitable gloves. **Preferred material:** nitrile rubber, neoprene, PE, PVC.
Eyes	Wear eye/face protection. **Preferred type:** close-fitting safety goggles. If splashing is likely to occur wear a full face-shield.

7 Safety

HARMFUL (Xn). Harmful if swallowed. Risk of serious damage to eyes. Contact with acids liberates toxic gas: SO_2.

Refer to the NC 212 Safety Data Sheet for full hazard, first-aid, spill, transport and disposal information before handling the product.

8 Contact

Company	Novachem Chemical Industries L.L.C.
Address	P.O. Box 27304, Umm Al Quwain, United Arab Emirates
Telephone	+971 6 5399379
Mobile / WhatsApp	+971 50 2601608
Email	info@novachemuae.com
Website	www.novachemuae.com

All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which the seller assumes legal responsibility, and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible uses of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.