

Scientific™ C20V Cooling Water Care

Solid concentrate product for stressed conditions



The Scientific™ C20V product is a proprietary water care for stressed conditions. A solid concentrate, it utilizes modern anti-scaling, anti-fouling, and corrosion inhibitor technology. The product works together with conventional chemistry to help provide protection to the system at low product dosage rates. Blended with a fluorescent dye, it allows for online tracking and monitoring with probes and controllers.

Application

To be used in conjunction with Scientific™ Ultra-S Dissolving Unit. Can be used in tower water systems. Maximum solubility will be reached at 26.5 °C.

Recommended Dosages

Water Quality*		Dosage	Method	Monitored PTSA
Ryzner Stability Index	Langelier Saturation Index	Chemical Level in Recirculating Water	Organo-Phosphonate	
6.0–4.0	0.0–2.0	15–25 ppm	3–5 ppm	60–100 ppb
4.0–3.0	2.0–3.0	25–40 ppm	5–7 ppm	100–160 ppb
< 3.0	< 3.0	40+ ppm	7+ ppm	160+ ppb

* At 20 ppm, 1 case of product is equivalent to 220 kg of a conventional liquid product. Liquid equivalent comparative values will vary, dependent upon concentrations.

Typical Properties	
Appearance	Solid form
Odour	Mild
Molecular Formula	$C_2H_4Na_4O_7P_2$
pH	7–8 (10 g/L)
Water Solubility (g/l) @ 20°C	Soluble

Advantages

- A solid concentrate proprietary water care product
- Simple application via the Scientific™ Ultra-S Dissolving Unit
- Solid chemistry with no potential to leak when compared to liquid alternatives
- Increase in cycles, aiding in improved efficiency and water consumption



The Scientific™ C20V Cooling Tower Care utilizes modern anti-scaling, anti-fouling and corrosion inhibition technology, aiding the operations of tower water systems.



Application of the Scientific™ C20V Cooling Tower Care is simple via the Scientific™ Ultra-S Dissolving Unit

Storage

Store in original container. Prevent seepage into the ground. Keep container tightly closed in a dry and well-ventilated place. Store away from oxidising agents and foodstuffs. Do not store in aluminium, copper or zinc containers. Keep packaging clean and free of all contamination.

Safety & First Aid Measures

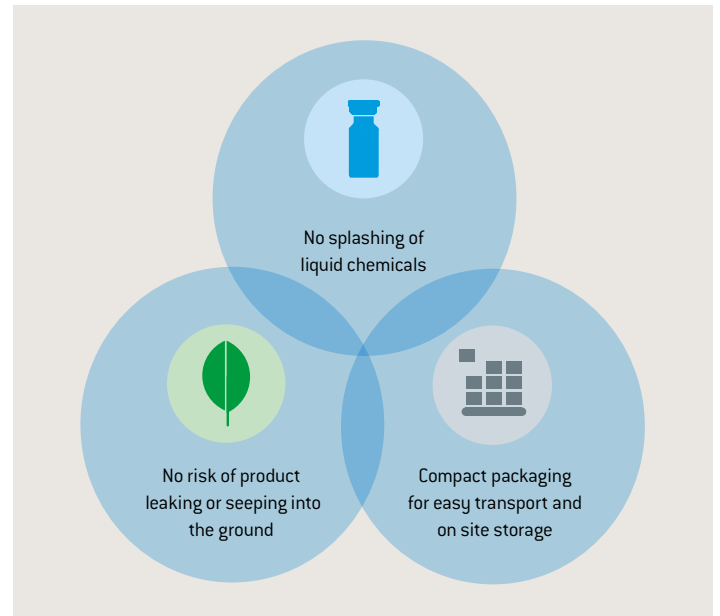
Please consult product Safety Data Sheet (SDS).

Packaging

The Scientific™ C20V Cooling Water Care is supplied in 2.28 kg discs, 8 units supplied in a case.

Product Code

Scientific™ C20V Cooling Water Care : SCIC20V



Benefits of Scientific™ C solid chemistry

NCP Factory Site, 9 Hytor Road, ZA – 1624 Kempton Park

Tel: + 27 11 393 9000, Email: sa.icm@lonza.com

All trademarks belong to Lonza or its affiliates or to their respective third party owners. The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information. Some products may not be available in all markets or for every type of application. Any user must make his own determination and satisfy himself that the products supplied by Lonza Group Ltd and the information and recommendations given by Lonza Group Ltd are (i) suitable for intended process or purpose, (ii) in compliance with environmental, health and safety regulations, and (iii) will not infringe any third party's intellectual property rights. All trademarks belong to Lonza or its affiliates or to their respective third party owners.

© 2017 Lonza

www.lonza.com

www.lonzawatertreatment.co.za