

Technical data sheet

KRONES colclean DI 8003**Acidic precursor for chlorine dioxide generation****Product description and application**

KRONES colclean DI 8003 is the acidic precursor for generating chlorine dioxide. Together with KRONES colclean DI 8002 a concentrated solution of chlorine dioxide is produced in a special plant. The diluted solution is used for many different disinfection purposes like SIP, cold water rinse of bottle washers or filler rinsing. For industrial use only.

Operating conditions

Concentration:	0.2 to 5ppm
Dosing:	automatically in a chlorine dioxide unit
Temperature:	cold to ambient temperature
Contact time:	given

Concentration check

colorimetric

Physical data

Form/colour/smell:	liquid, colourless, characteristic
pH value:	strong acidic
Density:	approx. 1.09 g/cm ³
Flash point:	-
Foaming:	non foaming
Temperature stability:	stable at +5 to +40°C
Conductivity (in deionised water):	-

Material compatibility

Compatible in the working concentration with all common metallic materials in food industry as well as with plastics and elastomers resistant to oxidants. pH-Value in working concentration should be higher than 7.

At the same time, however, the possibility of material incompatibilities cannot be completely ruled out. We recommend to carry out appropriate tests in case of uncertainty.

Storage/ Shelf life

The product should be stored sealed in the original container in a cool, well ventilated place. Protect from heat and direct sunlight. Do not store above 40°C.

Minimum shelf life: 3 years.

Classification

Please refer to the corresponding safety data sheet for details on:

Hazardous Information
Transport Regulations
Safety Regulations

Disposal

Recycling of packaging only fully emptied and closed.

Any product residues must be disposed of in accordance with local regulations. For further information, please refer to our safety data sheet.

Further information

Contains: nitric acid
See EC safety data sheet

Special instructions

Rinse with sufficient amount of drinking water, to avoid any residues on surfaces, which could come into contact with foodstuff.

Due to possible incompatibilities with other products, it is recommended to rinse dosing equipment (pumps, pipes) thoroughly with water prior to a change-over to KRONES colclean DI 8003.

This version of the technical data sheet supersedes all previous versions, which thereby become invalid.

All information and recommendations are based to the best of our knowledge on the latest state of the art in technology and our experience and do not constitute a contractual relationship. All references to DIN standards are for product description purposes only and do not constitute a guarantee.

Processing and material quantities need to be adjusted to account for local conditions. In the event of problems, please seek technical advice. Subject to changes.