

TECHNICAL DATA SHEET**DIOXONIC ACID (S066) NOTIF886**

Product code: MS12048

Date of issue: 11/10/2019

Replaces: 02/06/2015

FORMULA :

(CAS : 0007647-01-0 / EINECS : 231-595-7)

Solution of hydrochloric acid.

Application

The production of the ClO₂ gas can be done "just in time" by making of a blend (1/1) of DIONOXITE S065 with DIOXONIC ACID S066, which have to be dosed each separately 'IN-SITU' in the to be treated water. This should be done with the appropriate equipment.

Suitable for applications in the food industry.

Conform to the European standard EN 939 "Chemical substances used for water treatment intended for human consumption."

GMO Declaration

Dioxonic acid (S066) Notif886 does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product comes into contact with genetically modified organisms.

Product type and use for which the product is permitted

- Disinfectant and algicides that are not used directly on humans or animals.
- Animal hygiene
- Food and animal feed
- Drinking water
- Preservatives for liquid cooling and processing systems
- Slimicides

For professional use only as a disinfectant:

- For surfaces in both the food and non-food industry
- For materials and surfaces related to the housing or transport of animals
- For disinfection of drinking water for livestock
- For disinfection in drinking water companies
- For treatment of cooling water, process water and wastewater
- As a slimicide for mucus control on the paper machine
- For preservation of slurries and additives needed for the paper and cardboard industry

Dioxonic acid and dioxinite must be mixed in a generator to generate the in situ active substance chlorine dioxide.

TECHNICAL DATA SHEET**APPEARANCE**

Colourless to slightly yellow, clear liquid; with a prickling odour.

COMPOSITION

Hydrochloric acid : 8,5 – 9,0 % wt.

PHYSICAL PROPERTIES

Density (20 °C) : 1,040 – 1,045 kg/l

CHEMICAL ANALYSIS

Oxidizing components (as Cl ₂)	: max. 10	ppm
Sulfates	: max. 6	ppm
Iron (Fe)	: max. 1	ppm
Selenium (Se)	: max. 0,5	ppm
Calcium (Ca)	: max. 1	ppm
Organically bound Cl	: max. 0,5	ppm
Lead (Pb)	: max. 0,25	ppm
Cadmium (Cd)	: max. 0,25	ppm
Chromium (Cr)	: max. 0,25	ppm
Nickel (Ni)	: max. 0,25	ppm
Antimony (Sb)	: max. 0,2	ppm
Mercury (Hg)	: max. 0,1	ppm
Arsenic (As)	: max. 0,05	ppm
Dioxins	: absent (<0,1 ng TEQ/kg HCl)	

PACKING

Can be obtained in cans, drums and containers. Other packing is available on request.

SAFETY REGULATION

The safety data sheet is available on request.

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose.

No representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

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QUALITY SYSTEMS		
ISO 9001	Yes	Yes
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