

HIGH PURITY CHLORINE

MSSA (Métaux Spéciaux)

produces technical grade Chlorine from its electrolysis process of salt. After collection and liquefaction of the Chlorine, MSSA uses a brand new purification unit to produce High Purity chlorine.

QUALITY



- In early 2012, MSSA implemented a new High Purity Chlorine Production Center capable of producing up to 1,000 tons/year, with a quality of 99,9999%
- Highly stable composition
- Packaging control upon receipt and dedicated filling station
- Distillation process removes gas impurities and particules



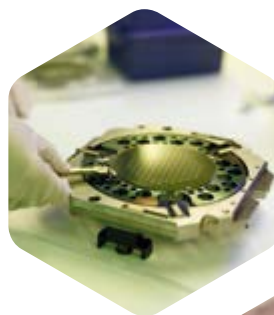
Worldwide
DELIVERIES



1,000 t
PRODUCTION/YEAR

Main applications

- SEMICONDUCTOR
- RESEARCH INDUSTRIES
- TFT
- OPTIC FIBER



Contact
High purity Chlorine

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sales@metauxspeciaux.fr



Cl₂

CAS

7782-50-5

UN

1017

Purity

from 99.998
to 99.9999%

Class

2

Typical technical quality : 5.0 and 5.5

ELEMENTS	N55 SPECIFICATIONS	N50 SPECIFICATIONS
Cl ₂	>99.9995 %	-
O ₂ + Ar	<0.5 ppmv	<1 ppmv
CO ₂	<1 ppmv	<4 ppmv
CO	<0.5 ppmv	<1 ppmv
H ₂	<0.1 ppmv	<0.5 ppmv
H ₂ O	<1 ppmv	<1 ppmv
N ₂	<1 ppmv	<2 ppmv
CH ₄	<0.1 ppmv	<0,5 ppmv

ELEMENTS	N55 SPECIFICATIONS	N50 SPECIFICATIONS
Cd	<2 ppbw	<2 ppbw
Cr	<5 ppbw	<5 ppbw
Cu	<10 ppbw	<10 ppbw
Fe	<100 ppbw	<100 ppbw
Na	<100 ppbw	<100 ppbw
Ni	<10 ppbw	<10 ppbw
Zn	<10 ppbw	<10 ppbw
P	20 ppbw	20 ppbw

Packaging and deliveries

CYLINDERS AND DRUMS

5kg to 1000 kg net

SPECIAL PACKAGING

Upon request

APPROVED FOR

Road, Rail and Maritime transport



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