

32211 Riedel-de Haën

Chloroform

Puriss. p.a., Reag. ISO, Reag. Ph. Eur., 99.0-99.4% (GC)

Synonym(s)

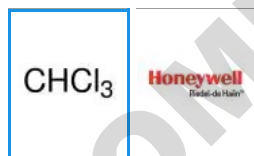
Methylidyne trichloride; Trichloromethane



PACKAGE SIZE*

2.5L

- Honeywell Riedel-de Haen has over 200 years of history in producing high-purity chemicals
- It is the leading brand offering High-Purity Solvents for dedicated applications.



Brand
Riedel-de Haën

Beilstein Registry Number
1731042

CAS Numbers (All)
67-66-3

EC Number
200-663-8

Linear Formula
CHCl₃

MDL Number
MFCD00000826

Synonyms
Methylidyne trichloride;
Trichloromethane

Specifications

Property	Value
identity (GC)	complying
assay (GC)	99,0 - 99,4 %
boiling range	60 - 62 °C
density (D 20/20)	1.476 - 1.483
non-volatile matter	Max. 0.0005 %
water (Karl Fischer)	Max. 0.01 %
free acid (as HCl)	Max. 0.00005 %
acid and phosgene	complying
aluminium (Al)	Max. 0.00005 %
boron (B)	Max. 0.000002 %
barium (Ba)	Max. 0.00001 %
calcium (Ca)	Max. 0.00005 %
cadmium (Cd)	Max. 0.000005 %
cobalt (Co)	Max. 0.000002 %
chromium (Cr)	Max. 0.000002 %
copper (Cu)	Max. 0.000002 %
iron (Fe)	Max. 0.00001 %
magnesium (Mg)	Max. 0.00001 %
manganese (Mn)	Max. 0.000002 %
nickel (Ni)	Max. 0.000002 %
lead (Pb)	Max. 0.000005 %
tin (Sn)	Max. 0.00001 %
zinc (Zn)	Max. 0.00001 %
chloride (Cl)	Max. 0.0001 %
free chlorine (Cl)	Max. 0.00001 %
aldehydes, ketones (as CH ₃ COCH ₃)	Max. 0.005 %

Property	Value
carbonyl compounds (as CO)	Max. 0.005 %
dichloromethane (GC)	Max. 0.01 %
ethanol (GC)	0.6 - 1.0 Gew.%
tetrachloroethene (GC)	Max. 0.01 %
tetrachloromethane (GC)	Max. 0.01 %
trichloroethene (GC)	Max. 0.01 %
other impurities (GC)	Max. 0.1 %
reaction against H ₂ SO ₄	complying
appearance of the substance	complying
suitability f.det.w. dithizone ISO	complying

Properties

Property	Value
Boiling Point/Range	60-62 °C (1.013 hPa)
Color	Colorless
Density	1.48 g/cm ³ (20 °C)
Flashpoint	Not applicable
Form	Liquid
Grade	Pharmacopeia General Use Solvents
Incompatible Materials	Strong oxidizing agents, Reactions with metals in powder form, Alkali metals, Plastic materials can be attacked, Alkaline earth metals
Lower Explosion Limit	Not applicable
Melting Point/Range	-63 °C
Partition Coefficient	1.97
Purity Percentage	99
Purity Details	99.0-99.4% (GC)
Solubility	Soluble in most organic solvents
Solubility in Water	0.8 g/l (20 °C)
Upper Explosion Limit	Not applicable

Property	Value
Vapor Pressure	210 hPa (20 °C)
Viscosity	No data available
pH-Value	No data available
Product Line	Puriss. p.a.
Storage Temperature	Ambient

Safety Information

Property	Value
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GHS Classification



GHS08-Health Hazard

GHS06-Toxic

Precautionary Statements

Do not breathe dust/fumes/gas/mist/vapours/spray.;Wear protective gloves/protective clothing/eye protection/face protection.;In case of inadequate ventilation wear respiratory protection.

Hazard Class

6.1

Package Group

III

UN ID

UN1888

DOMINIQUE DUTSCHER SAS