

PERCHLOROETHYLENE CATALYST GRADE

PDS-2960-0002

Product Identification:

CATALYST GRADE is a non-flammable chloriding agent for both isomerisation and reforming catalysts.

Tetrachloroethene, Perchloroethylene	$\text{CCl}_2 = \text{CCl}_2$	ID Number	602-028-00-4
Molecular Weight	165.8	EC Number (EINECS)	204-825-9
CAS Number	127-18-4	UN Number	1897

For further information on product handling, transport, storage and product properties please consult us.

Product Specifications:

Characteristic	Unit	Value	Method of analysis ⁽¹⁾
Additive (stabilizer)	mg/kg	≤ 10	Gas chromatography (MOP 602958)
Appearance		Clear without suspended matter	Visual test (ASTM D3741/B)
Purity (without stabilizers)	g/kg	≥ 999	Gas chromatography (MOP 602958)
Moisture (H ₂ O)	mg/kg	≤ 25	Karl Fischer (ASTM D3401)
Colour	APHA	≤ 10	Colorimetry (ASTM D2108)
Non volatile residue	mg/kg	≤ 10	Gravimetry (ASTM D2109)
Free Halogens (Cl ₂)		Conform	Iodometry (ASTM D4755)
Chlorides (Cl)	mg/kg	≤ 1	Mercurimetry (ASTM D2988)
Density Range (D _{25/25})		≥ 1.617 ≤ 1.621	Oscillating U-tube (ASTM D2111)
Distillation Range	°C	≥ 120.6 ≤ 121.6	Distillation (ASTM D1078)
Organically combined Oxygen and Nitrogen	mg/kg	≤ 15	Gas chromatography (MOP 602958/MOP 603424) Titrimetry/Mercurimetry (MOP 603996)

(1) Gas chromatography standards developed by INOVYN are not to be shared with external parties

CATALYST GRADE is approved by UOP for both isomerization and reforming processes.

Some applications of this product may be regulated or restricted by applicable laws and regulations or by national or international standards, which may among other concern medical devices, pharmaceutical industry, cosmetics packaging, personal care packaging, food, food additives, feed packaging, drinking water, water treatment. The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual properties rights; and shall comply with the laws, regulations, standards and/or recommendations applicable to our products and/or to his activity, to their final articles and/or their use. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use.

The information below is provided for our customers only (we accept no liability to any third parties). It reflects our current knowledge and experience of the product and is accurate as of the date of this document. All products are supplied in accordance with our general terms and conditions for sale. This information is for use by technically skilled persons at their own discretion and risk. We accept no liability for the effects of any chemical combinations with any other substance, processes or mixtures of the product which are carried out by our customers or third parties. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.

Users of INOVYN™ products should consult the appropriate INOVYN Health and Safety, or SDS literature which is available from your sales or technical representative.

In this context, INOVYN remains available for any further technical information such final article manufacturer may need in that regard.

PERCHLOROETHYLENE CATALYST GRADE

Packaging Characteristics and Shelf Life:

Catalyst Grade can be supplied in bulk or in 200 l (330 kg net) metallic drums with or without 1320 kg (net) pallets. The recommended shelf life of drummed Catalyst Grade is **two years** from packaging date (printed on each drum).

Production Plants:

Tavaux (France).

Please consult us for our Safety Data Sheet.

It is the responsibility of the customer and producer of the end product to ensure that the final material or article complies with all relevant regulations.

INOVYN's products are supplied only on the strict understanding that the customer and the producer of the end product will ensure that the regulations have been complied with. If guidance is required regarding the use of the product, please seek assistance from your sales or technical service representative or visit www.inovyn.com.

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For the complete trademarks statement, please consult: <https://www.inovyn.com/information/trademark-statement/>

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