

SOLTENE™

PDS-2960-0004

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food additives, water treatment, the pharmaceutical industry, etc). 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 and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use. Please contact us for further information on grades developed for a specific end-use.

Product Identification:

Soltene™ is a non-flammable solvent that targets metal degreasing applications, including light metals and their alloys (aluminium, magnesium, etc), and is formulated with first-fill stabilization agents. Soltene™ is submitted to national Laws and Regulations transposing Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC). Guidance on the Directive for chlorinated solvent users is available at the ECSA website: [http://www.eurochlor.org/chlorinated-solvents-\(ecsa\)/regulatory-compliance/volatile-organic-compounds.aspx](http://www.eurochlor.org/chlorinated-solvents-(ecsa)/regulatory-compliance/volatile-organic-compounds.aspx).

Please note: at least one Soltene component is not listed in Asian inventories.

Tetrachloroethene, Perchloroethylene	$\text{CCl}_2 = \text{CCl}_2$	ID Number	602-028-00-4
Molecular Mass	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 our website: <http://www.solvaychemicals.com/EN/products/chlorinated/Chlorinatedsolvents/Perchloroethylene.aspx>

Product Specifications:

Characteristic	Unit	Value	Method of analysis ¹
Purity (without stabilizers)	g/kg	≥ 999	Gas chromatography (MOP 602958)
Colour	APHA	≤ 15	Colorimetry (ASTM D2108)
Appearance	Clear without suspended matter		Visual test (ASTM D3741/B)
Density range ($D_{25/25}$)		≥1,611 ≤1,617	Oscillating U-tube (ASTM D2111/C)
Non volatile Residue	mg/kg	≤ 30	Gravimetry (ASTM D2109)
Acid Acceptance (NaOH)	g/kg	≥ 1	Titrimetry (ASTM D2942)
Alkalinity (NaOH)	mg/kg	≤ 30	Titrimetry (ASTM D2989)
Chloride (as Cl ⁻)	mg/kg	≤ 5	Mercurimetry (ASTM D2988)
Copper corrosion, weight loss <ul style="list-style-type: none"> Flask Soxhlet Condenser Acidity (as HCl) 	mg mg mg ml	≤ 10 ≤ 20 ≤ 20 ≤ 15	ASTM D3316
Moisture (H ₂ O)	mg/kg	≤ 30	Karl Fischer (ASTM D3401)

¹ Gas chromatography standards developed by Solvay are not to be shared with external parties

Soltene™ complies with ASTM D4376-02 (2012), "Standard Specification for Vapor-Degreasing Grade Perchloroethylene".

SOLTENE™

Production Plant:

Tavaux (France).

Packaging Characteristics and Shelf Life:

Soltene™ can be supplied in bulk or in 200 l (330 kg net) metallic drums with or without (1320 kg net) pallets.

http://www.solvaychemicals.com/Chemicals%20Literature%20Documents/Chlorinated_solvents/DOC-2960-0012-W-EN_WW_.pdf

The recommended shelf life of drummed Soltene™ is two years from packaging date (printed on each drum).

Please consult us for our Safety Data Sheet.

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