



## TECHNICAL SHEET

# 1,2 DICHLOROPROPANE

TECHNICAL GRADE

Last revision 2018

**Chemical Name:** Molecular formula:  $C_3H_6Cl_2$   
No. CAS: 78-87-5  
Abbreviation: DCP  
Propylene dichloride

### General Description:

1,2-Dichloropropane is a very flammable liquid and its vapors can form explosive mixtures with air, within 3.4-14.5% limits.

Contact with strong oxidizing agents is causing fires.

By exposing the product to air or light, it becomes black.

### Technical Quality Conditions:

Characteristics	MU	Values	Test methods
Appearance	-	Yellow greenish liquid	visual
1,2 Dichloropropane, min.	%	99.8	ILL-003/1-03-05
Epichlorhydrin, max	%	0.09	ILL-003/1-03-05
Water (Karl-Fischer), max.	%	0.05	ASTM E 203
Distillation range (95% vol)	°C	94-97	ASTM D 1078
Color, max.	Hazen units	30	SR ISO 2211
Acidity (HCl) ABT, max	%	0.05	ASTM D 2989

### Specific Properties:

Density at 20°C, g/cm <sup>3</sup>	1.156
Boiling temperature, °C	95-96
Ignition temperature, °C	15
Index of refraction at 20°C	1.438-1.440

*The specific properties present approximate values and contain general information, without being part of the technical quality conditions.*



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**Main Applications:**

- as solvent in organic synthesis and polystyrene industry;
- as degreasing substance, detergent;
- to obtain adhesives used in road constructions;
- as raw material in organic synthesis.

**Packing and storage:**

The product is packed in tightly closed sheet drums, road tanks, tightly closed.  
The product should be stored under nitrogen atmosphere, at max. 20°C.

**Safety Considerations:**

Maximum permissible concentration in the environment is of 100mg/m<sup>3</sup> of air.

Before handling and using this product, the staff must be familiar with the information on the dangers to which it is exposed. This information is available in several forms, eg SDS and label of the product..

**Attention:**

Please contact CHIMCOMPLEX BORZESTI-Ramnicu Valcea Branch to see if the document has been revised.

**Important:**

For a better suitability of the product for your particular purpose, tests are recommended prior product use. You are advised to make your own determination as to safety, appropriate manner of handling, storage, use and disposal. All the information contained in this product technical sheet is offered for your consideration, investigation and verification. The data is presented in good faith and is believed to be reliable. You should not consider the descriptions, information, data or design as a part of our terms and conditions of sale. We expressly disclaim responsibility or liability for any loss, damage or expense arising out of reliance on the information provided herein.