



Sales Specification

Ethylene Dichloride (C₂H₄Cl₂)

(1,2-Dichloroethane)

Technical Grade

COMPONENT

SPECIFICATIONS

Appearance	Clear
Ethylene Dichloride, wt%	99.8 min.
Specific Gravity, 25/25°C	1.249 - 1.252
Color, APHA	10 max.
Acidity, ppm as HCl	2 max.
Alkalinity, ppm as NaOH	2 max.
Nonvolatile Residue, ppm	10 max.
Water, ppm	100 max.
Free Halogens (ASTM D 4755)	Passes Test
Soluble Iron, ppm as Fe	5 max.
Chloral, ppm	50 max.

TYPICAL PROPERTIES

Distillation Range, 760 mm, °C	82.5 - 84.5
Heavy Metals, ppm as Pb	1 max.

Typical properties are listed for information only, and are not to be considered as specification requirements. These items are not analyzed on a routine basis. Product meeting the specification test items will exhibit the listed typical properties.

Meets Military Specification MIL-D-10662-D (replaced by ASTM D 5960-03)

Meets requirements of ASTM Specification D 5960-03

Meets test requirements of the *Food Chemicals Codex*, 11th Edition

Meets test requirements for General Use Ethylene Dichloride in *ACS Specifications for Reagent Chemicals*, 11th Edition, 2016

This product is not produced under all cGMP requirements as defined by the FDA.

CONTAINERS:

Tank Cars - Lined 20,000 gallon cars and maximum weight load of 197,000 lbs.

Drums - 565 pound net, 615 pound weight drums, 18 gauge, nonreturnable UN 1A1/Y1.8/300

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