



GHC Gerling Holz & Co. Handels GmbH

GHC Standard Specification

Spec 5120+5121+5126 Mixture 10-16 % Ethylene oxide / 84-90 % Carbon dioxide

Revision: 9 - Verantwortlich: Produktmanager - Freigabe: Murat Metin 20.9.2018

Geltungsbereich: ohne Geltungsbereich

Mixture 10-16 % Ethylene oxide / 84-90 % Carbon dioxide

Product No.: 5120

Product: Mixture 10 % Ethylene oxide / 90 % Carbon dioxide

Product No.: 5121

Product: Mixture 15 % Ethylene oxide / 85 % Carbon dioxide

Product No.: 5126

product: Mixture 16 % Ethylene oxide / 84 % Carbon dioxide

Ethylen oxide *	99.9 % (weight)	Carbon dioxide	99.9 % (vol.)
Density	0,908 g/cm ³ (at 0° C)	Water	max. 50 ppm (vol.)
Water	max. 100 ppm (weight)	Oxygen	max. 30 ppm (vol.)
Appearance	clear	Hydrocarbons **	max. 50 ppm (vol.)

The mixture has the following composition (calculated):

Product No.: 5120

Ethylene Oxide	9.0 – 11.0 % (weight)
Carbon dioxide	89.0 – 91.0 % (weight)

Product No.: 5121

Ethylene Oxide	14.0 – 16.0 % (weight)
Carbon dioxide	84.0 – 86.0 % (weight)

Product No.: 5126

Ethylene Oxide	15.0 – 17.0 % (weight)
Carbon dioxide	83.0 – 85.0 % (weight)

* Due to technical reasons the product has an overlay of nitrogen. Stated content without regard to nitrogen.

** Volatile hydrocarbons are calculated as methane.

The specifications refer to the liquid phase. Additional ingredients are not excluded. The conformity of the product which is filled into the transport container with the above mentioned specification is monitored systematically on the basis of our quality management system according to DIN EN ISO 9001. This document is valid without signature.

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