

PRODUCT SPECIFICATION

ETHYLENE OXIDE – CARBON DIOXIDE (MIXTURES)

6 wt. %/94 wt. % ($\pm 0,5$ %)-10 wt. %/90 wt. % ($\pm 0,5$ %)-12 wt. %/88 wt. % ($\pm 0,5$ %)-
 15 wt. %/85 wt. % ($\pm 0,5$ %)-16 wt. %/84 wt. % ($\pm 0,5$ %)-20 wt. %/80 wt. % ($\pm 0,5$ %)-
 50 wt. %/50 wt. % ($\pm 0,5$ %)-75 wt. %/25 wt. % ($\pm 0,5$ %)-80 wt. %/20 wt. % ($\pm 0,5$ %)-
 85 wt. %/15 wt. % ($\pm 0,5$ %)-90 wt. %/10 wt. % ($\pm 0,5$ %)

Formula: C₂H₄O-CO₂

Product number : 5126-5113-5115-5120-5121-5122-5123-5125-5130-5110-5112

	<u>Value</u>	<u>Units</u>
<u>Ethylene oxide</u>	$\geq 99,9$	% (weight)
<i>Impurities :</i>		
Water	≤ 100	ppm (weight)
Aldehyde (acetaldehyde)	≤ 30	ppm (weight)
Carbon dioxide	≤ 100	ppm (weight)
Acidity (acetic acid)	≤ 20	ppm (weight)
Residue	≤ 5	mg/100ml
Appearance	Clear, colorless liquid	
<u>Carbon dioxide</u>	$\geq 99,99$	% (vol.)
<i>Impurities :</i>		
Water	≤ 10	vol. ppm
Oxygen + nitrogen	≤ 80	vol. ppm
C _n H _m	≤ 10	vol. ppm

The specifications refer to the liquid phase.

The conformity of the product which is filled into the receptacles with the above mentioned specification is ensured by our quality and environment management system according to ISO 9001 and ISO 14001.

This document is valid without signature.

Revision 06/2012