



Westfalen

Product sheet LOXMED Respadur®

Product name	LOXMED Respadur®
Physical state	cryogenically liquefied
Chemical sign	O ₂
Chemical designation	Oxygen
Purity	99,5 %
Properties	see safety data sheet
Shoulder color	none, proper transport marking in accordance with ADR

Minor components	Maximum values
Carbon dioxide	300,0 vol. ppm
Carbon monoxide	5,0 vol. ppm
Moisture	67,0 vol. ppm

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
LOXMED Respadur®	A046015	stationary/mobile stock				plant specific	

Unless otherwise stated, these refer to content at 288,15K (15°C) and 1,013 bar.

LOXMED Respadur® is the trade name of the finished drug.

LOXMED Respadur® complies in production and analysis with the specifications of the EuAB in its current form as well as with the approval documents.

Also available in mobile small containers in different sizes: 450 L, 600 L (geometric volume).

Physical data		
operating figures	Molar mass	15,99 g mol ⁻¹
Liquid State	Boiling Point	90,28 (-182,9) K (°C)
	Heat of Evaporation	212,98 kJ kg ⁻¹
	Liquid Density	1141,0 kg m ⁻³
Gas State	Thermal Conductivity (at 288.15 K and 1.013 bar)	0,0254 J s ⁻¹ m ⁻¹ K ⁻¹
	Density Ratio to Air (at 288.15 K and 1.013 bar)	1,11
	Specific heat (at 298.15 K and 1.013 bar)	0,92 kJ kg ⁻¹ K ⁻¹
	Density (at 273.15 K and 1.013 bar)	1,43 kg m ⁻³



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Physical data		
Critical Point	Temperature	154,57 (-118,6) K (°C)
	density	436,1 kg m ⁻³
	Pressure	50,43 bar
Triple Point	Temperature	54,4 (-218,8) K (°C)
	Vapour Pressure	0,0015 bar
	Heat of Fusion	13,9 kJ kg ⁻¹

All mentioned data, values and notes correspond to actual state of knowledge on the date of printing. They make no claim to be correct or complete and therefore do not release the user from his obligation to check them.

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