



SOLSTICE® LBA

NAME: SOLSTICE LBA

TYPE: HFO1233zd (trans-1-Chloro-3,3,3-trifluoropropene)

CHEMICAL FORMULA: CF₃CH=CHCl

TYPICAL USE: BLOWING AGENT - FOAMING AGENT

TYPICAL PROPERTIES:

Purity	> 99,5	% wt
Moisture	< 50	mg/Kg
Acidity	< 1	mg/Kg
Residues	< 100	ppm

CHEMICAL - PHYSICAL PROPERTIES:

Colour	Colourless	
Odour	Slight	
Molecular weight	130	kg/kmol
Boiling point at 1.013 bar	+19	°C
Latent Heat of Vaporization at boiling point	194	KJ/Kg
Freezing Point	-107	°C
Vapor Pressure at 20°C	1	Bar
Liquid Density at 20°C	1.296	gr/ml
Vapor Thermal Conductivity at 20°C	10,2	mW/mK
Liquid Viscosity at 20°C	0,489	cP
Ignition Temperature	380	°C
Solubility in H ₂ O at 20°C	1,90	gr/Lt
Flammability	None	
GWP	4,5	
ODP	0	
ADR/RID	2.2	
UN NUMBER	3163	
CAS	102687-65-0	
EINECS	700-486-0	
ASHRAE	A1	

Date: 11/2019 - Rev. 2