



Reference : SS/SB.005
Issue No. : 05
Dated : 28OCT2019

sales specification

DESSIKARB® SODIUM BICARBONATE FOR EXPLOSION SUPPRESSION

PRODUCT DESCRIPTION

Dessikarb®, a dust explosion suppressant powder, is manufactured from Sodium Bicarbonate with a food grade silica compound added to enhance flow properties.

CHEMICAL COMPOSITION

				<u>Limit</u>		<u>Typical</u>
Sodium Bicarbonate	NaHCO ₃	%	:	98.5	MIN.	
Sodium Carbonate	Na ₂ CO ₃	%	:	0.5	MAX.	<0.1
Loss on drying	Wt. Loss	%	:	0.25	MAX.	
Silica	SiO ₂	%	:	0.6	MIN.	0.9
				1.2	MAX.	
Ammonia	Passes test		:	complies		
Arsenic	As	mg/kg	:	2	MAX.	<0.1
Lead	Pb	mg/kg	:	2	MAX.	<0.1
Mercury	Hg	mg/kg	:	1	MAX.	<0.02

PARTICLE SIZE

	<u>Sieve Fraction (microns)</u>	<u>* % Max. by Weight</u>	<u>Typical</u>
Retained on	250	0.1	0.01
Retained on	125	1.0	0.09
Retained on	63	10.0	4.2
Retained on	45	22.5	11.6
Passing	45	68.0 Min	84

* Limits expressed as non-cumulative values.

Dessikarb® is a trademark of Tata Chemicals Europe

TATA CHEMICALS EUROPE LIMITED

Winnington Lane, Northwich, Cheshire, CW8 4DT, United Kingdom
Tel +44 (0) 1606 724000 Fax +44(0) 1606 781353 www.tatachemicalseurope.com