



Technical Data Sheet (TDS)

Red Iron Oxide	
Batch Number: 190145	Expiry Date: 17/09/2027
Cl. Number	Pigment Red 101 (77491)
C.A.S. No:	1309-37-1
EINECS No:	215-168-2
Physical /Microbial Properties	
Physical Form & Appearance	Dry Red Powder
Average Particle Size	0.7µm
Yeast & Mould	<100 CFU/g
Bacteria	<100 CFU/g
Water Soluble Matter	Absence of E. coli, P. aeruginosa and S. aureus <1%
Resistance Properties	
Heat	Excellent
Light	Excellent
Acid (Dilute)	Good
Alkali (Dilute)	Good
Solvent	Excellent
Heavy Metal Content	
Lead	<10 ppm
Arsenic	<3 ppm
Mercury	<1 ppm
Barium	<50 ppm
Cadmium	<1 ppm
Chromium	<100 ppm
Copper	<50 ppm
Nickel	<200 ppm
Zinc	<100 ppm
This pigment meets all the purity requirements set out in Annex IV of Regulation (EC) No 1223/2009 This pigment does not contain any nanoparticles.	
Disclaimer: All the information in this leaflet is to the best of this companies satisfy themselves as to the suitability and completeness of such information in relation to their own particular use.	
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