



TECHNICAL DATA SHEET

SYNSCRUB

Synscrub grades are produced with synthetic wax polymers created by the Fischer-Tropsch process which yields a fully saturated, straight chain hydrocarbon wax that is characterized by its high melt point and hardness. **Synscrub 164GRS** and **Synscrub 164BLS** are permanently colored to provide your product with a unique visual effect. **Synscrub** products have a spherical particle shape which allows the particles to gently roll across the skin. The **Synscrub** line is designed to be used as an economical exfoliating agent.

PROPERTIES	TEST METHOD	SYNSCRUB 164S	SYNSCRUB 164BLS	SYNSCRUB 164GRS
Composition (INCI Name)	IR	Synthetic Wax	Synthetic Wax Blue 1 Lake	Synthetic Wax Chromium Hydroxide Green
CAS No(s).		8002-74-2	8002-74-2 15792-67-3	8002-74-2 12001-99-9
Appearance	Visual	White Powder	Blue Powder	Green Powder
Odor		Odorless	Odorless	Odorless
Melting Point °F (DSC)	ASTM D 127	227-235	227-235	227-235
Melting Point °C (DSC)	ASTM D 127	108-113	108-113	108-113
Density @25 °C (g/cc)	ASTM D 792	0.95	0.95	0.95
Particle Size Analysis	ASTM E 11			
Maximum Mesh Size		20 (840 microns)	20 (840 microns)	20 (840 microns)
Minimum Mesh Size		40 (420 microns)	40 (420 microns)	40 (420 microns)
REGULATORY INFORMATION				
EINECS No(s).		232-315-6	232-315-6 272-939-6	232-315-6 215-160-9
TSCA Registered				
Heavy Metals: Pb < 1.0 ppm As < 1.0 ppm		Conforms to CONEG Regulations		

Applications: Exfoliating soaps, foot scrubs, exfoliating face scrubs, body scrubs, creams, liquids, gels and lotions.

Rev. 7/07