



# EUROGRIT BV

Datasheet

Green Lightning®  
Olivine

02-01-2010

<b>Description</b>	Olivine is a magnesium iron silicate. It is the industrial mineral with the highest magnesium content. Olivine is produced from Dunite rock and has a sandy structure.		
<b>Applications</b>	Blastcleaning, especially for façade cleaning and cleaning of stone and concrete surfaces in building renovation, removal of graffiti etc. Foundry sand, refractories, welding electrodes.		
<b>Properties</b>	Shape	:	sub-angular to angular
	Colour	:	pale green
	Hardness	:	6.5-7 Mohs
	Specific density	:	3.25 kgs/dm <sup>3</sup>
<b>Chemical Composition</b> (Indication only)	MgO	:	49.00 - 50.00 %
	SiO <sub>2</sub>	:	41.50 - 42.50 % in bound form, <1% free silica
	Fe <sub>2</sub> O <sub>3</sub>	:	6.80 - 7.30 %
	Al <sub>2</sub> O <sub>3</sub>	:	0.40 - 0.50 %
	CaO	:	0.05 - 0.10 %
	Cr <sub>2</sub> O <sub>3</sub>	:	0.20 - 0.30 %
	MnO	:	0.05 - 0.10 %
	NiO	:	0.30 - 0.35 %
<b>Grain sizes</b>	GL 100	0.50 - 1.40 mm	
	GL 70	0.20 - 1.20 mm	
	GL 50	0.10 - 0.50 mm	
	GL 40	0.063 - 0.25 mm	
	GL 30	0.063 - 0.125 mm	
<b>Packing</b>	25 kgs bags, on shrinkfoiled export pallets.		

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

**EUROGRIT - AHEAD IN ABRASIVES**