

# Material Safety Data Sheet

## Malachite Green

Section 1	
Product Name	Malachite Green
Chemical Family	Basic Dyes
Shipping Name	Basic Green 4
CAS No.	569-64-2
Colour Index No	42000
Molecular Formula	C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O

Section 2: Physical Data	
Appearance	Green Crystals/Powder
Melting Point	NA
Boiling Point	NA
Odour	NA
Vapour Density	NA
Ph (1% solution in water)	2.5
Solubility	Ok (in water, acetic acid and methanol)

Section 3: Fire and Explosion Hazard	
Flash Point	NA
Flammable Limit	NA
Extinguishing media	Water, Fog, Foam, Carbon-Di-Oxide
Fire Fighting Procedures	A self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Adequate ventilation and clean up must be maintained to minimise dust accumulation

Section 4: Special precautions for safe handling and use	
Handling and use	Use protective gloves, long pants, long sleeve shirt, close container after use
Waste disposal method	In accordance with state & local regulation act do not discharge into water ways or sewer systems
Other Precautions	Change clothes, take bath, wash hands before eating

Section 5: Control Measures	
Respiratory Protection	Use respirator if necessary with suitable dust filter
Protective gloves	Plastic or rubber for industrial operation
Eye protection	Proper eye protection should be worn for industrial operation
Other protective equipments	Safety shower, eye bath, apron, boots to prevent skin contact

Section 6: Emergency and First Aid Procedures	
Eyes	Wash with clean water
Skin	Wash with clean water and soap
Inhalation	Remove to fresh air

Section 7: Reactivity Data	
Stability	Stable
Hazardous Decomposition	None
Hazardous polymerization	None

