

11-03-03 ✓

00501-4184

CADMIUM LEMON

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## Material Safety Data Sheet

WINSOR &amp; NEWTON GRIFFIN ALKYD COLOUR

CADMIUM LEMON

## Section I

ColArt Americas, Inc  
11 Constitution Avenue  
Piscataway  
New Jersey 08855-1396

Emergency Telephone Number 1-800-628-3385  
Telephone Number for Information 732- 562- 0770  
Date prepared 30/05/00

## Section II Hazard Ingredients/Identity Information

Hazardous Components	CAS No.	OSHA PEL	ACGIH TLV
Low aromatic petroleum hydrocarbons	64742-47-8	no data	no data
Cadmium zinc sulphide	12442-27-2	0.2 mg/m3	0.01 as Cd mg/m3

## Section III Physical/Chemical Characteristics

Boiling Point:	> 200 ° C	Specific Gravity	1.5 -
Vapour pressure:	no data	Melting Point:	n/a ° C
Vapour density:	no data	Evaporation rate	BuAc = 1 < 1
Solubility in water :	Insoluble		
Appearance and odour	Soft yellow paste.Low hydrocarbon odour		

## Section IV Fire and Explosion Hazard Data

Flash Point	ca.70 ° C	closed cup	Flammable limits	LEL: 0.6
				UEL: 7.0
Extinguishing Media	Carbon dioxide,dry chemical,foam.			
Special Fire Fighting Procedures	Combustible			
Unusual Fire and Explosion Hazards	none			

## Section V Reactivity Data

Stability : Unstable	no	Conditions to avoid :	none
Stable :	yes		
Incompatibility:	none known		
Hazardous Decomposition	no		
Hazardous Polymerisation	no		

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**Section VI Health Hazard Data**

Route of Entry	Inhalation?	<input checked="" type="checkbox"/>	Skin?	<input checked="" type="checkbox"/>	Ingestion?	<input checked="" type="checkbox"/>
<b>Health Hazards:</b>						
Inhalation of large quantities of vapour may cause dizziness, headache.						
Prolonged contact with skin may cause irritation. Soluble cadmium content in pigment is less than 5 ppm and should not represent a health hazard						
Carcinogenicity :	NTP:	n/a	IARC Monographs:	n/a		
	OSHA Regulated	n/a				
WARNING: DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.						
Signs and Symptoms of Exposure	Nausea, headache.					
Medical Conditions aggravated by exposure	Pre-existing respiratory disorders					
<b>First Aid Procedures</b>						
Eyes:	Wash with water for 10 minutes					
Skin:	Wash off with soap and water					
Inhalation:	Remove from exposure					
Ingestion:	Give water to drink Get medical attention					

**Section VII Precautions for Safe Handling and Use**

Steps to be taken if material is spilled	Absorb on inert substrate
Sweep up immediately	
Waste Disposal Method	Controlled landfill
As toxic waste	
<b>Precautions to be taken in Handling and Storage</b>	
Normal hygiene	
Avoid contact with skin	
Keep in closed containers	
Avoid extremes of temperature	
Other precautions	None

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**Section VIII Control Measures**

<b>Respiratory protection</b>	If large quantities being used NIOSH mask.		
<b>Ventilation</b>	Ensure good extraction/ventilation		
	<b>Local exhaust</b>	fan	
	<b>Mechanical</b>	Fume hood advisable for large quantities	
<b>Protective gloves</b>	Not required	<b>Eye protection</b>	If handling large quantities
<b>Other protective equipment</b>	Protective clothing		
<b>Work/Hygenic Practices</b>	Avoid contact with skin and eyes		
	Use barrier creams		

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in conformity with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards

**WARNING: MAY BE HARMFUL BY BREATHING VAPOURS. OVEREXPOSURE MAY RESULT IN NAUSEA, HEADACHE, CONFUSION OR INSTABILITY. CONTAINS PETROLEUM DISTILLATES.** Avoid breathing vapours. Use exhaust fan to ensure adequate cross ventilation.

**KEEP OUT OF REACH OF CHILDREN.**