



# SAFETY DATA SHEET

<b>Product Name:</b>	<b>CMESM3500LC</b>	<b>SDS Reference</b>	RPG209
<b>Version No.</b> 1	<b>Initial issue date</b> August 7 <sup>th</sup> , 2015	<b>Revision date</b>	

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

<b>1.1 Product identifier</b>	CMESM3500LC	
<b>1.2 Use (s)</b>	Printing ink	
<b>1.3 SDS Supplier</b>	Colormagic Ltd Unit 2, Banters Lane Business Park, Main Road, Great Leighs, Essex, CM3 1QX	<b>Telephone</b> +44 (0) 1245 360140 <b>Fax No:</b> +44 (0) 1245 362586
<b>1.4 Emergency Telephone</b>	01245 360140 (Office hrs)	<b>SDS Competent Person e-mail:</b> simon@colormagicink.com

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Eye Dam. 1 H318

#### 2.1.2 Additional information

See section 16 for full text of H statements

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

**Pictogram(s):**



**Signal word**

DANGER

**Hazard statement(s)**

H318 CAUSES SERIOUS EYE DAMAGE.

**Precautionary statement(s)**

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P310 IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

**2.3 Other hazards** THE PREPARATION CONTAINS A SUBSTANCE THAT HAS A WORKPLACE EXPOSURE LIMIT (WEL)

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** MIXTURE OF ORGANIC SUBSTANCES PLUS PIGMENT

### Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
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<b>Product Name:</b>	<b>CMESM3500LC</b>	<b>SDS Ref.</b>	RPG209
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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

2-ETHOXYETHYLMETHYL ETHER	1002-67-1	213-690-5	Eye Irrit. 2 H319	50-90%
DIETHYLENEGLYCOL DIETHYLEETHER	112-36-7	203-963-7	Eye Irrit. 2 H319	10-25%
GAMMA-BUTYROLACTONE	96-48-0	202-509-5	Acute Tox. 4 H302; Eye Dam. 1 H318; STOT SE3 H336	3-10%

### 4. FIRST AID MEASURES

#### 4.1 Description of measures

<b>Inhalation</b>	Remove casualty to fresh air. If necessary, seek medical advice.
<b>Skin contact</b>	Immediately clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
<b>Eye contact</b>	Immediately wash out eye thoroughly with plenty of water until irritation subsides; consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.

**4.2 Most important effects/symptoms** None known

**4.3 Immediate/special treatment** Treatment as described above.

### 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder). Do not use strong water jet.
<b>5.2 Special hazards</b>	Decomposition products released in a fire (e.g. oxides of carbon and nitrogen) should be considered as probably harmful if inhaled.
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing apparatus. Cool containers with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions</b>	Adhere to personal protective measures (see sections 7 and 8).
<b>6.2 Environmental precautions</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>6.3 Methods and materials for cleaning up</b>	Take up with absorbent material, e.g. sand, sawdust into tightly closable containers. Label container and dispose of as prescribed.
<b>6.4 Reference to other sections</b>	See section 8 for personal protective equipment.

### 7. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Handle in accordance with good hygiene and safety practice. Keep container tightly closed. Keep away from incompatible substances. Avoid inhalation of vapour and mist.
<b>7.2 Conditions for safe storage</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry. Store away from oxidising agents, from strongly alkaline and strongly acid materials. Avoid direct sunlight and store at 10-30°C.
<b>7.3. Specific end use(s)</b>	Printing ink

<b>Product Name:</b>	<b>CMESM3500LC</b>	<b>SDS Ref.</b>	RPG209
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>8.1 Controls parameters</b>	There are no workplace exposure limit values available. Comply with good practice.
<b>8.2 Exposure controls</b>	
<b>Engineering controls</b>	Provide adequate ventilation (e.g. local exhaust ventilation).
<b>Personal protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles (EN 166 or 169) if risk of eye contamination.
<b>Skin protection</b>	Nitrile rubber gloves with textile undergloves (material thickness > 0.5mm; breakthrough time < 30 min. - also consider your own risk assessment; e.g. rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Suitable approved/certified respirator when ventilation is inadequate.
<b>Other protection</b>	Protective overalls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties

<b>Physical form</b>	Liquid
<b>Colour</b>	Light cyan
<b>Odour</b>	Solvent-like
<b>Odour Threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Boiling pt / range</b>	ca. 173 °C @ 1.013 hPa      Literature value
<b>Melting pt / range</b>	Not determined
<b>Flash point</b>	68°C      ASTM D 6450 (CCCFP)
<b>Flammability</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Explosion limits</b>	Not determined
<b>Auto-ignition temperature</b>	ca. 174°C
<b>Decomposition temp.</b>	Not applicable
<b>Density</b>	0,976 g/cm <sup>3</sup>
<b>Vapour pressure</b>	<1 hPa (20°C) (calculated)
<b>Vapour density</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Water solubility</b>	Partially miscible
<b>Explosive properties</b>	Not determined
<b>Oxidising properties</b>	Not determined
<b>Partition coeff. Log<sub>Oct/water</sub></b>	Not determined
<b>9.2 Other information</b>	Efflux time < 12s @ 20°C (DIN 53211 4 mm)

<b>Product Name:</b>	<b>CMESM3500LC</b>	<b>SDS Ref.</b>	RPG209
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## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	Stable under normal conditions of handling.
<b>10.3 Hazardous reactions</b>	Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
<b>10.4 Conditions to avoid</b>	When exposed to high temperatures may produce hazardous decomposition products..
<b>10.5 Incompatible material</b>	As above
<b>10.6 Hazardous decomposition products</b>	Under normal conditions, hazardous decomposition products should not be produced. However, see section 5.2.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	mg/kg	No data available
<b>Dermal compatibility</b>	No data available. May cause skin irritation.		
<b>Mucous membrane compatibility</b>	No data available. May cause eye damage		

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	LC <sub>50</sub> Aquatic organisms	mg/l	No data available
<b>12.2 Degradability</b>	Not determined		
<b>12.3 Bioaccumulative potential</b>	Low, LogP <sub>ow</sub> :	Not determined	
<b>12.4 Mobility in soil</b>	Not determined		
<b>12.5 PBT/vPvB assessment</b>	Not applicable		
<b>12.6 Other adverse effects</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.		

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment measures

<b>Advice on disposal</b>	If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
<b>Contaminated packaging</b>	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

<b>Product Name:</b>	<b>CMESM3500LC</b>	<b>SDS Ref.</b>	RPG209
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## 14. TRANSPORT INFORMATION

<b>14.1 United Nations number (ADR, IMDG, IATA)</b>	Not classified
<b>14.2 Proper shipping name (ADR, IMDG, IATA)</b>	Not classified
<b>14.3 Transport class(s) (ADR, IMDG, IATA)</b>	Not classified
<b>14.4 Packing group (ADR, IMDG, IATA)</b>	Not classified
<b>14.5 Environmental hazards (ADR, IMDG, IATA)</b>	The product should NOT be marked as a marine pollutant.
<b>14.6 Special procedures</b>	Not applicable
<b>14.7 Transport in bulk</b>	Not applicable

## 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations</b>	The product is classified in accordance with EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product.
<b>15.2 Chemical safety assessment</b>	Not applicable

## 16. OTHER INFORMATION

**Further information** The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

**Hazard statements referred to in sections 2/3**

H302: Harmful if swallowed.  
H318: May cause an allergic skin reaction  
H319: Causes serious eye irritation. .  
H336: May cause drowsiness or dizziness.

**Sources of data** Other suppliers' safety data sheets; EH40/2011

**Date of issue** 07-08-2015

**This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.**