



SAFETY DATA SHEET

Product Name:	CMESM3500Y	SDS Reference	RPG212
Version No. 1	Initial issue date August 7 th , 2015	Revision date	

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product identifier	CMESM3500Y	
1.2 Use (s)	Printing ink	
1.3 SDS Supplier	Colormagic Ltd Unit 2, Banters Lane Business Park, Main Road, Great Leighs, Essex, CM3 1QX	Telephone +44 (0) 1245 360140 Fax No: +44 (0) 1245 362586
1.4 Emergency Telephone	01245 360140 (Office hrs)	SDS Competent Person e-mail: 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.	
	P305+351+338	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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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

Inhalation	Remove casualty to fresh air. If necessary, seek medical advice.
Skin contact	Immediately clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
Eye contact	Immediately wash out eye thoroughly with plenty of water until irritation subsides; consult an eye specialist/ophthalmologist.
Ingestion	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

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

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice. Keep container tightly closed. Keep away from incompatible substances. Avoid inhalation of vapour and mist.
7.2 Conditions for safe storage	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.
7.3. Specific end use(s)	Printing ink

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	There are no workplace exposure limit values available. Comply with good practice.
8.2 Exposure controls	
Engineering controls	Provide adequate ventilation (e.g. local exhaust ventilation).
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles (EN 166 or 169) if risk of eye contamination.
Skin protection	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)
Respiratory protection	Suitable approved/certified respirator when ventilation is inadequate.
Other protection	Protective overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

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

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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

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

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀ Aquatic organisms	mg/l	No data available
12.2 Degradability	Not determined		
12.3 Bioaccumulative potential	Low, LogP _{ow} :	Not determined	
12.4 Mobility in soil	Not determined		
12.5 PBT/vPvB assessment	Not applicable		
12.6 Other adverse effects	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

Advice on disposal	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.
Contaminated packaging	Treat empty containers in the same way as the product: if possible wash out thoroughly and recycle.

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14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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