
SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Chameleon UV Flexo Ink

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: For professional use only., Manufacture of temperature-indicating products and temperature-sensitive decorative effects.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: LCR Hallcrest
- Address of Manufacturer: Riverside Buildings,
Dock Road,
Connah's Quay,
Deeside,
Flintshire, CH5 4DS,
Wales. U.K.
- Telephone: +44 (0) 1244 817107
- Email: Sales@lcrhallcrest.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1244 818348

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Skin Irrit. 2, Eye Irrit. 2

2.2 Label elements



- Signal Word: Warning
- Hazard statements
 - Causes skin irritation.
 - Causes serious eye irritation.
 - May cause an allergic skin reaction.
- Precautionary statements
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - IF ON SKIN: Wash with plenty of soap and water.
 - If skin irritation occurs: Get medical advice/attention.
 - Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

SECTION 2: Hazards identification (....)

- Contains: Propylidynetrimethanol, ethoxylated, esters with acrylic acid
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

- Color developer
 - CAS Number: Proprietary
 - EC Number: Proprietary
 - Concentration: 8-12%
 - Categories: Skin Irrit. 2, Eye Irrit. 2, STOT SE 3
 - Symbols: WARNING
 - H Statements: H319, H315, H335
 - 2-hydroxy-2-methylpropiophenone
 - CAS Number: 7473-98-5
 - EC Number: 231-272-0
 - Concentration: 1-3%
 - Categories: Acute Tox. 4
 - Symbols: Wng
 - H Statements: H302;H412
 - Propylidynetrimethanol, ethoxylated, esters with acrylic acid
 - CAS Number: 28961-43-5
 - EC Number: 500-066-5
 - Concentration: 10-20%
 - Categories: Eye Irrit. 2, Skin Sens. 1
 - Symbols: GHS07; Wng
 - H Statements: H317;H319
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SECTION 4: First aid measures

4.1 Description of first aid measures

- Wash contaminated clothing before reuse.
- Contact with eyes
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If eye irritation persists: Get medical advice/attention.
- Contact with skin
 - IF ON SKIN: Wash with plenty of soap and water.
 - If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion
 - Do not induce vomiting
- Inhalation
 - If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - If you feel unwell, seek medical advice (show the label where possible)

4.2 Most important symptoms and effects, both acute and delayed

SECTION 4: First aid measures (....)

- May cause an allergic skin reaction.
- The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear suitable respiratory protection
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Absorb spillage in inert material and shovel up

6.4 Reference to other sections

- For disposal refer to section 13.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to hazardous waste.

7.2 Conditions for safe storage, including any incompatibilities

- Store at ambient temperature
- Keep container tightly closed

7.3 Specific end use(s)

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

SECTION 8: Exposure controls/personal protection (....)

- No exposure limits have been set for this substance

8.2 Exposure controls



- Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Odour: Characteristic odour
- pH - not known
- Boiling point - not known
- Flash point - not applicable
- Evaporation rate - not known
- Upper explosive limit: not known % (in air)
- Lower explosive limit: not known % (in air)
- Vapour pressure - not known
- Vapour density - not known
- Density - not known
- Solubility in water: No information available
- Partition coefficient : n-Octanol/water - not known

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No information available

10.5 Incompatible materials

- Incompatible with alkalis (strong bases)

10.6 Hazardous decomposition products

- No information available
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SECTION 11: Toxicological information

SECTION 11: Toxicological information (....)

11.1 Information on toxicological effects

- Acute toxicity: No data is available on this product.
 - Can cause skin irritation.
 - Aspiration hazard: No data is available on this product.
 - Serious eye damage/irritation: May cause eye irritation
 - Respiratory or Skin Sensitisation: May cause allergic skin reaction
 - Germ cell mutagenicity - No data is available on this product
 - IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 - Reproductive Effects: No information available
 - STOT-single exposure: No data is available on this product.
 - STOT-repeated exposure: No data is available on this product.

 - 2-hydroxy-2-methylpropiophenone
LD50 (oral, rat): 1694 mg/kg
LD50 (dermal) : 6929 mg/kg (rat)
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SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container to hazardous waste.
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SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number

- UN No.: Not applicable

14.2 Proper Shipping Name

- Proper Shipping Name: Not applicable
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SECTION 14: Transport information (....)

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Not Classified

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not Classified
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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H412: Harmful to aquatic life with long lasting effects.

This information supplied in this Safety Data Sheet is designed only as guidance for the safe use and storage of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information only relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---
