

Anucolor Lake Red C / R – 531 LL

Version No 2.0 / Issue Date : 10.10.2018

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

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|--------------------------|---------------------------------|
| Product name | Anucolor Lake Red C / R -531 LL |
| Chemical Type | Mono Azo Lake Red Pigment |
| C.I. Name | Pigment Red 53.1 |
| C.I. Number | 15585:1 |
| CAS number | 5160-02-1 |
| EINECS /ELINCS NO | 225-935-3 |

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

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|---------------------------------|---|
| Relevant identified uses | Colourant for Paints , Coating, Plastic , Rubber and Printing ink Industry. |
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1.3 Details of the manufacturer/importer

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|--------------------------------|---|
| Registered company Name | Anupam Colours Private Limited |
| Address | 103/105,Kaveri Commercial Premises, Jagannath Mandir Road, Sakinaka Junction, Mumbai-400072 |
| Telephone | +91 22 28518120 |
| Website | www.anupamcoloursacpl.com |
| Email | info@anupamcoloursacpl.com |

1.4 Emergency telephone number

| | |
|--|-----------------|
| Emergency Telephone Number | +91 22 28518120 |
| Other emergency telephone numbers | +91 260 2410611 |

SECTION 2 : HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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| GHS Classification | No Need for Classification according to GHS criteria for this product. |
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2.2 Label elements

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| GHS label elements | This product does not require a hazard warning label in accordance with GHS criteria. |
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2.3 Others Hazards

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| Precautionary Statement (s) : Prevention | Not Applicable |
| Precautionary Statement (s) : Response | Not Applicable |
| Precautionary Statement (s) : Storage | Not Applicable |
| Precautionary Statement (s) : Disposal | Not Applicable |

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

| CAS No | C.I. Number | C.I. Name |
|-----------|-------------|------------------------|
| 5160-02-1 | 15585:1 | C. I. Pigment Red 53.1 |
| | | |

3.2 Mixtures

See section above for composition of Substances

SECTION 4 : FIRST AID MEASURES

4.1 Description of first aid measures

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| On Contact with Eyes | Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation continues, seek medical attention |
| On Skin Contact | Wash thoroughly with soap and water. Seek medical attention in event of irritation |
| If inhaled | If difficulties occur after dust has been inhaled, move to fresh/ open air and seek medical attention. |
| On Ingestion | Rinse mouth and then drink plenty of water, Seek medical attention in event of irritation |

4.2 Most Important symptoms and effects, both acute and delayed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

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| Suitable extinguishing Media | Water, Mist , Foam , Extinguishing powder Carbon Di Oxide. |
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5.2 Special hazards arising from the substrate or mixture

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| Harmful Vapours | The substances / groups of substances mentioned can be released in case of fire. |
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5.3 Advice for firefighters

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| Fire Fighting | Wear breathing apparatus plus protective gloves in the event of a fire. Prevent spillage from entering drains or water courses. |
| Fire/Explosion Hazard | After combustion likely chances of gases like oxides of carbon and nitrogen may emit noxious and toxic fumes. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| 6.1 Personal Precautions / Protection | Avoid dust formation. Use personal protective clothing. |
| 6.2 Environmental Precautions | Contain contaminated water / fire fighting water . Do not discharge in to drains / surface waters / ground water. |
| 6.3 Methods and Material for containment and cleaning up | For Small Amounts: Pick up with suitable appliance and dispose of. For Large Amounts: Contain with dust binding material and dispose of . Avoid raising dust. |

SECTION 7: HANDLING AND STORAGE

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| 7.1 Precautions for safe Handling | Breathing must be protected when large quantities are decanted without proper exhaust and ventilation. |
| 7.2 Fire and Explosion Precautions | Keep away from open fire and sources of ignition. |
| 7.3 Conditions for safe storage, including any incompatibilities | Further information on storage conditions: Keep container tightly closed dry; store in a cool place. |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

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| O.E.L. | Components with occupational exposure Limits : Data Not available |
| T.E.E.L. - 0 | Data is not available |
| T.E.E.L. - 1 | Data is not available |
| T.E.E.L. - 2 | Data is not available |
| T.E.E.L. - 3 | Data is not available |

8.2 Personal Protection

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|------------------------|--|
| Eye & Face Protection | Use Safety glasses with side shields. |
| Skin Protection | Impervious Gloves (PVC / Rubber) |
| Respiratory Protection | Avoid inhalation of dust. Dust mask recommended. |
| General Protection | Store / Handle / use in accordance with good industrial hygiene practices. |
| Other Protection | No special equipment needed when handling small quantities. |

SECTION 9: PHYSICAL AND CHEMICALS PROPERTIES

9.1 Information on basic Physical and Chemical Properties

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| Form | Powder |
| Colour | Yellowish Red Powder |
| Odour | Odourless |
| Odour threshold | Not Available |
| pH Value | 6-8 (As suspension) |
| Melting Point (°c) | Not Known |
| Freezing Point (°c) | Not Known |
| Boiling Point & Boiling Range (°c) | Not Applicable |
| Upper Explosion Limit | For Solids not relevant for classification and labelling |
| Lower Explosion Limit | For Solids not relevant for classification and labelling |
| Ignition Temperature | Not determined |
| Vapour Pressure | Not applicable |
| Viscosity (Cst) | Not applicable |
| Flash Point (°c) | Not Available |
| Evaporation Rate | Not Available |
| Bulk Density (Gm/ ML) | 0.38 ±0.10 |

9.2 Others Information

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| Self Heating ability | It is not a substance capable of spontaneous heating according to UN transport regulations Class 4.2 |
| Hygroscopy | Non -hygroscopic nature |

SECTION 10: STABILITY AND REACTIVITY

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| 10.1 Reactivity | No Hazardous reactions if stored and handled as prescribed / indicated |
| 10.2 Chemical Stability | The product is stable if stored and handled as prescribed / indicated |
| 10.3 Possibility of Hazardous reactions | Dust explosion hazard |
| 10.4 Conditions to avoid | Avoid dust formation. Avoid deposition of dust. Avoid sources of ignition. Avoid electro-static discharges. |
| 10.5 Incompatible Materials | Substance to avoid : No Substances known that should be avoided |
| 10.6 Hazardous Decomposition Products | Refer section No.5 |

SECTION 11: TOXICOLOGICAL INFORMATION

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|--------------------------------------|---|
| 11.1 Acute Toxicity | LD 50 rat (Oral) : The product has not been tested LC50 (by Inhalation) : Not determined LC50 (Dermal) : Not determined |
| 11.2 Irritation / Eye damage | Data is not available to make classification |
| 11.3 Ingestion | The material has not been classified by EC Directives or other classification system as "harmful by ingestion". |
| 11.4 Respiratory/ Skin Sensitization | Skin sensitizing effects were not observed in animal studies. |
| 11.5 Mutagenicity | Data is not available to make classification |
| 11.6 Carcinogenicity | The material has not been classified by EC Directives or other classification system as "harmful by ingestion". |
| 11.7 Reproductivity | Skin sensitizing effects were not observed in animal studies. |
| 11.8 STOT – Single Exposure | Data is not available to make classification. |
| 11.9 STOT – Repeated Exposure | Data is not available to make classification. |
| 11.10 Aspiration Hazard | Data is not available to make classification. |

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: At the present state of knowledge, no negative ecological effects are expected.

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| 12.1.1 LC50 (96 Hr) , Fish | No Data available |
| 12.1.2 LC50 (48 Hr) , Daphnia | No Data available |
| 12.1.3 EC50 (72 Hr) , Algae | No Data available |
| 12.1.4 EC50 (0.5 Hr) , Bacteria | No Data available |
| 12.1.5 Chronic Toxicity to Fish | No Data available |
| 12.1.6 Assessment of terrestrial toxicity | No Data available concerning terrestrial toxicity. |

12.2 Persistence and degradability : At the present state of knowledge, the product is virtually insoluble in water and can thus be separated from water through suitable effluent treatment plants.

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|-----------------------------------|---------------------------------------|
| 12.2.1 Persistence : Water / Soil | No Data available for all ingredients |
| 12.2.2 Persistence : Air | No Data available for all ingredients |

12.3 Bioaccumulative Potential : Significant accumulation in organisms is not to be expected.

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|----------------------------------|---------------------------------------|
| 12.3.1 Bioaccumulative potential | No Data available for all ingredients |
|----------------------------------|---------------------------------------|

12.4 Mobility in Soil :

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|-------------------------|---------------------------------------|
| 12.4.1 Mobility in Soil | No Data available for all ingredients |
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SECTION 13: DISPOSAL CONSIDERATIONS

Must be disposed of or incinerated in accordance with local, state or national regulations.

SECTION 14: TRANSPORT INFORMATION

Product is not classified as dangerous for transport.

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| 14.1 Marine Pollutant | No |
| 14.2 Land Transport (DOT) | No Regulated for Transport of Dangerous Goods |
| 14.3 Air Transport (ICAO-IATA/DGR) | Not classified as a dangerous good under transport regulations |
| 14.4 Sea Transport (IMDG-Code/ GGVSee) | No Regulated for Transport of Dangerous Goods |
| 14.5 Transport in bulk according to Annex II of MARPOL and IBC Code. | Regulation : Not evaluated Shipment approved : Not evaluated Pollution Name : Not evaluated Pollution Category : Not evaluated Ship Type : Not evaluated |

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/ legislation specific for the substance or Mixture: At present data is not available with us. However Not classified as hazardous substance according to the classification, packing and labelling of Dangerous substances Regulations (EC Council Directive 67/548/EEC and 88/379/EEC amended).

SECTION 16: OTHER INFORMATION

The data provided in this document (Material Safety Data Sheet) are based on our current knowledge / experience and describe the product only with regard to safety requirement. This Material safety data sheet is neither a certificate of Analysis (COA) nor technical specification data sheet. The information provided in Material safety data sheet are for guidance of ie user and verification under actual conditions is recommended.
