

## Anurang Signal Red R 041

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

<b>Product name</b>	Anurang Signal Red R 041
<b>Chemical Type</b>	Mono Azo Red Pigment
<b>C.I. Name</b>	Pigment Red 4
<b>C.I. Number</b>	12085
<b>CAS number</b>	2814-77-9
<b>EINECS /ELINCS NO</b>	220-562-2

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

<b>Relevant identified uses</b>	Colourant for Paints , Coating, Plastic , Rubber and Printing ink Industry.
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#### 1.3 Details of the manufacturer/importer

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

#### 1.4 Emergency telephone number

<b>Emergency Telephone Number</b>	+91 22 28518120
<b>Other emergency telephone numbers</b>	+91 260 2410611

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

<b>GHS Classification</b>	No Need for Classification according to GHS criteria for this product.
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#### 2.2 Label elements

<b>GHS label elements</b>	This product does not require a hazard warning label in accordance with GHS criteria.
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#### 2.3 Others Hazards

<b>Precautionary Statement (s) : Prevention</b>	Not Applicable
<b>Precautionary Statement (s) : Response</b>	Not Applicable
<b>Precautionary Statement (s) : Storage</b>	Not Applicable
<b>Precautionary Statement (s) : Disposal</b>	Not Applicable

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

CAS No	C.I. Number	C.I. Name
2814 - 77 - 9	12085	C. I. Pigment Red 4

### 3.2 Mixtures

See section above for composition of Substances

## SECTION 4 : FIRST AID MEASURES

### 4.1 Description of first aid measures

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

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

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

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

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

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

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

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

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)	0.30 ±0.10

### 9.2 Others Information

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

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

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

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.

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.

12.3.1 Bioaccumulative potential	No Data available for all ingredients
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12.4 Mobility in Soil :

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

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

## SECTION 14: TRANSPORT INFORMATION

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Product is not classified as dangerous for transport.

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

## SECTION 15: REGULATORY INFORMATION

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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

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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.

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