

# SAFETY DATA SHEET (EC 1907/2006)

Version: 2,

Review Date: 01.12.2018



## *D & C Yellow 10*

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade / Product Name : *D & C Yellow 10*

CAS Number: 8004-92-0

EC number:

Registration No.: *NA*

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

Application of the substance / the preparation

*As A Dye to Color Cosmetics.*

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: *Dynemic Products Ltd  
B-301, Satyamev Complex-1,  
Opp. New Gujarat High Court, S.G. Highway,  
Sola, Ahmedabad-380 060, Gujarat, INDIA*

#### 1.4 Emergency telephone number: +91 - 2646-250517

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation 74.3710

*Not classified as Hazardous substance*

Classification according to Directive 74.3710

*Not classified as Hazardous substance*

Information concerning particular hazards for human and environment: *NA*

### 2.2 Label elements

Hazard pictograms *NA*

Signal word *NA*

Hazard statements *NA*

### 2.3 Other hazards

Results of PBT and vPvB assessment

PBT: *NA*

vPvB: *NA*

## 3. Composition/information on ingredients

### 3.1 Chemical characterization: Substances

Description	C.A.S. No.	CI No.
<i>D &amp; C Yellow 10</i>	<i>8004-92-0</i>	<i>47005</i>

## 4. First aid measures

### 4.1 Description of first aid measures

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### **General information:**

*If any symptoms of Irritation occur and persist from any route of exposure, seek medical advice to the affected individual.*

#### **Eyes:**

*Immediately flush eyes with plenty of water for at least 15 minutes keep moving upper & lower eyelids occasionally.*

#### **Skin:**

*Flush Skin with plenty of water and soap for at least 15 minutes.*

#### **Ingestion :**

*Rinse mouth & intake plenty of water or milk*

#### **Inhalation:**

*Exposure to fresh air*

### **4.2 Most important symptoms and effects, both acute and delayed**

*Further relevant information not available.*

#### **Information for doctor:**

*Further relevant information not available.*

### **4.3 Indication of any immediate medical attention and special treatment needed**

*Further relevant information not available.*

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## **5. Fire-fighting measures**

### **5.1 Extinguishing media**

*Suitable extinguishing Media*

*In case of fire use Carbon dioxide, Dry Chemical, Water, foam.*

### **5.2 Special hazards arising from the substance or mixture**

*Further relevant information not available.*

### **5.3 Advice for fire fighters**

*In case of fire Wear self contained breathing apparatus with full protection*

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## **6. Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

*Use personal protection to Avoid dust formation, Avoid breathing dust, vapours, mist or gas. Ensure adequate*

*ventilation, especially in confined areas. Evacuate personnel to safe areas*

### **6.2 Environmental precautions:**

*Do not flush product into public sewer, water systems or surface waters*

### **6.3 Methods and material for containment and cleaning up:**

*Prevent further leakage or spillage if safe to do so. Do not let product enter drains.*

### **6.4 Reference to other sections**

*See Section 7, 8 & 13 for further information*

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## **7. Handling and storage**

### **7.1 Precautions for safe handling**

*Avoid contact with skin and eyes. Avoid dust formation and aerosols. Avoid incompatible substances. Wash thoroughly after use.*

**Information about fire - and explosion protection:**

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*Eliminate ignition sources such as sparks, static buildup, excessive heat, smoke etc.*

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage:

**Requirements to be met by storerooms and receptacles:**

*Store in cool and dry under well-ventilated conditions.*

**Information about storage in one common storage facility:**

*Store this material away from incompatible substances. Do not store in open, unlabelled or mislabelled containers.*

**Further information about storage conditions:**

*Keep container closed when not in use.*

### 7.3 Specific end use(s)

*As A Dye to Color Food, Drugs, Cosmetics & Industrial Products.*

## 8. Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

*Contains no substances with occupational exposure limit values.*

### 8.2 Exposure controls

**Engineering Control:**

*Use adequate exhaust ventilation to keep airborne concentrations below recommended exposure limits.*

**Personal protective equipment:**

**General protective and hygienic measures:**

**Eyes:** *Wear safety glasses and chemical goggles*

**Skin:** *Appropriate Gloves & clothes may be used to avoid contact with skin.*

**Respirators:** *Protector complying NIOSH/MSHA or European standard may be used.*

**Material of gloves**

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and Varies from manufacturer to manufacturer.*

**Penetration time of glove material**

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*



## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Form:** Powder /Granules

**Appearance:** Orange Red Powder

**Odour:** Odourless

**Odour threshold:** Not Available

**Solubility in water:** Soluble

**Vapour pressure:** Not Available

**Density:** Not Available

**Viscosity:** Not Available

**Melting point:** Not Available

**pH:** Not Available

**Relative density:** Not Available

**Partition coefficient (n-octanol/water):** Not Available

**Flammability or explosive limits:** Not Available

**Oxidising properties:** Not Available

**Flash point:** Not Available

**Ignition temperature:** Not Available

**Flammability (solid, gas):** Not flammable

**Boiling point °C:** Not Available

### 9.2 Other information

*Further relevant information not available.*

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### 10. Stability and reactivity

**10.1 Reactivity:** *Not Known*

**10.2 Chemical stability :** *This product is stable under normal temperature*

**10.3 Possibility of hazardous reactions:** *Dangerous reaction not known*

**10.4 Conditions to avoid:** *Excess Heat, Strong Oxidizers*

**10.5 Incompatible materials:** *Avoid strong bases & oxidizing agents*

**10.6 Hazardous decomposition products:** *Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, oxides of nitrogen, sodium oxide, oxides of sulfur.*

### 11 Toxicological information

#### 11.1 Information on toxicological effects

**Acute toxicity:**

**Aquatic toxicity:**

**LD 50:** Not Available

**LD50:** Not Available

**ADI (JECFA):** Not Available

**Primary irritant effect:**

**on the skin:** *Skin irritation may occur on repeated & prolonged contact*

**on the eye:** *Eye irritation may occur.*

**Sensitization:** *No relevant information available.*

**Additional toxicological information:**

*It has been noticed that when guidelines prescribed for the product is followed, the product does not have any harmful effect*

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

(a) Germ cell mutagenicity: NA

(b) Carcinogenicity : NA

(c) reproductive toxicity : NA

(d) STOT-single exposure: NA

(e) STOT-repeated exposure: NA

(f) Aspiration hazard. : NA

### 12 Ecological information

#### 12.1 Toxicity

**Aquatic Toxicity:** *Further relevant information not available on ecological effect.*

**12.2 Persistence and degradability:** *Not readily biodegradable*

**12.3 Bioaccumulative potential:** *Further relevant information not available*

**12.4 Mobility in soil:** *As product is water soluble, mobility in soil may be possible.*

**12.5 Results of PBT and vPvB assessment**

**PBT:** NA

**vPvB:** NA.

**12.6 Other adverse effects:** *Further relevant information not available*

### 13. Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation :** *Dispose of in a manner consistent with local, state and international regulations.*

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*Uncleaned packaging:*

*Recommendation: Dispose it in accordance to official regulations*

### 14. Transport information Not dangerous according to transport regulations.

#### 14.1 UN-Number

ADR, ADN, IMDG, IATA : NA

#### 14.2 UN proper shipping name

ADN, IMDG, IATA : NA

#### 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA: NA

#### 14.4 Packing group

ADR, IMDG, IATA : NA

#### 14.5 Environmental hazards:

Marine pollutant: NA

#### 14.6 Special precautions for user: NA

#### 14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code: NA

### 15. Regulatory information

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

*Hazard pictograms:* NA

*Signal word :* NA

*Hazard statements:* NA

*Precautionary statements:* NA

#### 15.2 Chemical safety assessment: Information not available

### 16. Other information

#### Abbreviations:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 %

LD50: Lethal dose, 50 %

#### NOTICE TO READER

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