

Conforms to EU Directive 1907/2006/EC (REACH)

## SAFETY DATA SHEET

### DIGIPRIME RED 3601 (C.I. 16105:1)

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

##### Identification of the substance or preparation

**Product Name** : DIGIPRIME RED 3601  
**Color Index Name** : C. I. PIGMENT RED 60:1 (C.I. 16105:1)  
**Formula** : Monoazo red  
**Product CAS No.** : 15782-06-6  
**EINECS No.** : 215-388-9

##### Company/undertaking identification

**Supplier** : DIGICHEM INDUSTRIES  
**Address** : N-71, MIDC, Additional Ambernath, Anandnagar, Ambernath-421304,  
Maharashtra, INDIA.

#### 2. Hazards identification

##### EMERGENCY OVERVIEW

May cause mechanical irritation to eyes.  
May cause eye, skin and respiratory tract irritation.  
Harmful, if large amounts are swallowed.  
May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Organic pigments can burn at temperatures above 250 °C. This product is not readily ignitable. Dust explosions are possible.

State : Solid ( Powder)  
Colour : Red  
Odour : Odourless

##### ROUTES OF ENTRY

Eyes : NO      Skin : NO      Inhalation : YES      Ingestion : NO

##### POTENTIAL HEALTH EFFECTS :

EYE CONTACT : may cause mechanical irritation, if exposed to large amounts of dust.  
SKIN CONTACT: Prolonged or repeated contact may cause irritation.  
INHALATION: may cause irritation, if exposure is prolonged or excessive.  
INGESTION: may cause gastrointestinal disturbances.

## CARCINOGENICITY

NTP: NO

IARC: NO

OSHA : NO

**CHRONIC HEALTH HAZARDS** : Not Known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

May aggravate existing respiratory and/or skin ailments.

See section 11 for more detailed information on health effects and symptoms.

## 3. Composition/information on ingredients

**Substance/preparation** : Substance.

There is no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

## 4. First-aid measures

### First-aid measures

#### **Inhalation**

: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

#### **Ingestion**

: Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### **Skin contact**

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

#### **Eye contact**

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10minutes. Get medical attention if irritation occurs.

#### **Protection of first-aiders**

: No action shall be taken involving any personal risk or without suitable training.

#### **Notes to physician**

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See section 11 for more detailed information on health effects and symptoms.

## 5. Fire-fighting measures

Flash point : Not applicable  
Autoignition : Not determined  
Lower explosion limit : Not determined  
Upper explosion limit : Not determined

### Extinguishing media

#### **Suitable**

: Use Dry chemical powder & Foam or water mist.

- Not suitable** : None known.
- Special exposure hazards** : No specific fire or explosion hazard. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Hazardous combustion Products** : Decomposition products may include the following materials: Carbon dioxide, carbon monoxide, nitrogen oxides. Other toxic combustion products are also possible.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Cleanup Methods** : Minimize generation of dust.
- For small amounts** : Clean up with suitable appliance and dispose of.
- For large amounts** : Cover with dust binding material and dispose of.

## 7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

### Exposure limit values

#### Ingredient name

No exposure limit value known.

#### Occupational exposure limits

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products,

before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

- Respiratory protection** : Where excessive dust may result, wear approved standard dust mask.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Environmental exposure Controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### General information

- Physical state** : Solid  
**Color** : Orange  
**Odour** : Odourless  
**pH aqueous extract** : 5-7.5

### **Important health, safety and environmental information**

- Flash point** : Not applicable.  
**Density** : 2 g/cm<sup>3</sup> [20°C (68°F)].  
**Solubility** : Almost insoluble in water.  
**Vapor Pressure (mm Hg)** : Not Applicable  
**Vapor Density (Air = 1)** : Not Applicable

## 10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to avoid** : Avoid Humidity & dust formation.
- Materials to avoid** : No specific data.
- Hazardous decomposition** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous reactions** : Dust explosion hazard.
- Corrosion to metals** : No corrosive effect on metal.

**Oxidizing properties** : No specific data.

## 11. Toxicological information

### Potential acute health effects

**Inhalation** : Harmful by inhalation.

**Ingestion** : Not Known

**Skin contact** : Not irritant..

**Eye contact** : May cause eye irritation.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposition
Pigment Red 60:1	LD50 Oral	Rat	> 5000mg/kg	----

The product has not been tested. The statement has been derived from the properties of ingredients.

**Conclusion/Summary** : Not available.

### Potential chronic health effects

#### Chronic toxicity

**Conclusion/Summary** : Not available.

**Chronic effects** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

## 12. Ecological information

### Aquatic ecotoxicity

**Other adverse effects** : No known significant effects or critical hazards.

**Environmental effects** : No known significant effects or critical hazards.

## 13. Disposal considerations

**Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions

and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

**Transport within user's Premises** : always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**General information** : Not regulated.

**Land transport (ADR/TPC - RID/TPF)** : Not classified.

**Sea transport (IMDG)** : Not classified.

**Special Provision** : Not Available

**Marine pollutant** : No

**Air transport (ICAO-IATA)** : Not classified.

**This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.**

## 15. Regulatory information

### EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

**R phrase(s)** : This product is not classified according to EU legislation.

**H phrase(s)** : This product is not classified according to EU legislation.

**S phrase(s)** : None

**Product use** : Industrial applications.

**Technical instruction on air quality control** : TA-Luft Number 5.2.1

## 16. Other information

### History

**Date of printing** : 21.06.2014

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### **Notice to reader**

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