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

1.1 Product identifier

Product name  Arc Yellow™ Pigment
Product code AX-16-N

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

Recommended Use  Pigment
Restrictions on use  No information available

1.3 Details of the supplier of the safety data sheet

Supplier  DayGlo Color Corp.
          4515 St. Clair Avenue
          Cleveland, OH 44103
          (216) 391-7070
          +1 216-391-7070 (outside the US) This telephone number is available during office hours only.

E-mail Address  ehs@dayglo.com

1.4 Emergency telephone number

Emergency telephone number  Chemtrec: +1 703-527-3887 ex-USA
                              Chemtrec: 1-800-424-9300 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

2.2 Label elements

This product is not classified.

2.3. Other Hazards  Hazards not otherwise classified (HNOC)
Not Applicable

2.4 Other information

Not Applicable
3. Composition/Information on Ingredients

Substance
Mixture
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first-aid measures

General advice
No information available.

Eye contact
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact
Immediate medical attention is not required. Wash off with soap and water.

Inhalation
Immediate medical attention is not required. Move to fresh air.

Ingestion
Do NOT induce vomiting. Drink plenty of water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician
Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media
None.

5.2 Special hazards arising from the substance or mixture

Special Hazard
None known based on information supplied.

Hazardous Combustion Products

Explosion Data

Sensitivity to Mechanical Impact
None.

Sensitivity to Static Discharge
Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

6.2 Environmental precautions

Dust deposits should not be allowed to accumulate on surfaces as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., cleaning dusty surfaces with compressed air). Nonsparking tools should be used. Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment
Prevent dust cloud. Cover powder spill with plastic sheet or tarp to minimize spreading.

Methods for cleaning up
Avoid dust formation. Take precautionary measures against static discharges. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Use personal protective equipment. Take up mechanically and collect in suitable container for disposal. Prevent product from entering drains. Keep in suitable and closed containers for disposal.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Avoid dust formation. Take precautionary measures against static discharges. Fine dust dispersed in air may ignite. Wear personal protective equipment.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions
Keep tightly closed in a dry and cool place.

Materials to Avoid
No materials to be especially mentioned.

8. Exposure controls/personal protection

8.1 Exposure Guidelines

8.2 Appropriate engineering controls

Engineering Measures
Showers
Eyewash stations
Ventilation systems.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety glasses with side-shields.

Skin and body protection
Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

Respiratory protection
NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.

Hygiene measures
See section 7 for more information.
9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Solid
Appearance: Powder
Color: Yellow-orange
Odor: Pungent
Odor Threshold: No information available

Property | Values | Remarks • Methods
---|---|---
pH | Not Applicable | No information available
Melting/freezing point | 110 °C / 230 °F | No information available
Boiling point/boiling range | Not applicable | No information available
Flash Point | Not Applicable | No information available
Evaporation rate | Not Applicable | No information available
Flammability (solid, gas) | | No information available
Flammability Limits in Air
  upper flammability limit | | No information available
  lower flammability limit | | No information available
Vapor pressure | | No information available
Vapor density | | No information available
Specific Gravity | 1.36 | Insoluble in water
Water solubility | | No information available
Solubility in other solvents | Insoluble in water | No information available
Partition coefficient | | No information available
Autoignition temperature | | No information available
 Decomposition temperature | | No information available
Viscosity, kinematic | | No information available
Viscosity, dynamic | | No information available
Explosive properties | Fine dust dispersed in air may ignite | No information available
Oxidizing Properties | | No information available

9.2 Other information

Volatile organic compounds (VOC) content: None

10. Stability and Reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Dust formation. Take precautionary measures against static discharges.

10.5 Incompatible Materials

None known based on information supplied.

10.6 Hazardous Decomposition Products
None known based on information supplied.

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

<table>
<thead>
<tr>
<th>LD50 Oral:</th>
<th>LD50 Dermal:</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 16,000 mg/kg (rat)</td>
<td>&gt; 23,000 mg/kg (rat)</td>
</tr>
</tbody>
</table>

#### Numerical measures of toxicity: Component Information

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

**Product Information**
- May cause irritation
- No information available

**Component Information**
- No information available

#### Serious eye damage/eye irritation

**Product Information**
- May cause irritation
- No information available

**Component Information**
- No information available

#### Respiratory or skin sensitization

**Product Information**
- No information available

**Component Information**
- No information available

#### Germ cell mutagenicity

**Product Information**
- No information available

**Component Information**
- No information available

#### Carcinogenicity

**Product Information**
- This product contains <0.1% free formaldehyde and may be capable of outgassing formaldehyde at levels in excess of OSHA’s Action Level under some conditions of use. Formaldehyde is a known cancer hazard. Long term exposure may result in dermatitis or respiratory sensitization for sensitive individuals.

**Component Information**
- 

#### Reproductive toxicity

**Product Information**
- No information available

**Component Information**
- No information available

### STOT - single exposure

No information available

### STOT - repeated exposure

---
• No known effect

Other adverse effects
Product Information
• No information available
Component Information
• No information available

Aspiration hazard
Product Information
• No information available
Component Information
• No information available

12. Ecological information

12.1 Toxicity

Ecotoxicity
No information available

< 1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

12.2 Persistence and degradability
No information available.

12.3 Bioaccumulative potential
Discharge into the environment must be avoided

12.4 Mobility in soil
No information available.

12.5 Other adverse effects
No information available

13. Disposal Considerations

13.1 Waste treatment methods
Dispose of in accordance with federal, state, and local regulations.

14. Transport Information

DOT
Not regulated

MEX
Not regulated

IMDG
Not regulated

IATA
Not regulated

15. Regulatory information
15.1 International Inventories

TSCA  Complies
DSL  Complies
EINECS/ELINCS  Complies
ENCS  -
IECSC  Complies
KECL  Complies
PICCS  Complies
AICS  Complies
NZIoC  -
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL - Canadian Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Prop. 65</th>
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</thead>
<tbody>
<tr>
<td>Formaldehyde - 50-00-0</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>C.I. Basic Violet 10 - 81-88-9</td>
<td>Carcinogen</td>
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16. Other information

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and chemical hazards</th>
<th>Personal protection</th>
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<table>
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<th>Physical Hazard</th>
<th>Personal protection</th>
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<tr>
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<td>1</td>
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</tr>
</tbody>
</table>

Legend:
ACGIH (American Conference of Governmental Industrial Hygienists)
Ceiling (C)
DOT (Department of Transportation)
EPA (Environmental Protection Agency)
IARC (International Agency for Research on Cancer)
International Air Transport Association (IATA)
International Maritime Dangerous Goods (IMDG)
NIOSH (National Institute for Occupational Safety and Health)
NTP (National Toxicology Program)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
Reportable Quantity (RQ)
Skin designation (S*)