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

1.1  Product identifier

Product name            Aurora Pink® Pigment
Product code            AX-11-5

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

| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |

2.2  Label elements

Signal Word           Warning

Hazard Statements     Harmful if inhaled
Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell

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

2.4  Other information
Not Applicable

Unknown Acute Toxicity  2.08316% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I. Basic Violet 11:1 (tetrachlorozincate)</td>
<td>73398-89-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>C.I. Basic Red 1:1</td>
<td>3068-39-1</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

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.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Pink</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Pungent</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>110 °C / 230 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Not applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not Applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.36</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Fine dust dispersed in air may ignite</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td></td>
<td>No information available</td>
</tr>
<tr>
<td>Volatile organic compounds (VOC)</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>content</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 (Dust/Mist)</th>
<th>LC50 (Vapor)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oral</td>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&gt; 16,000 mg/kg (rat)</td>
<td>&gt; 23,000 mg/kg (rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity
2.08316% of the mixture consists of ingredient(s) of unknown toxicity

Oral LD50
22,749.00 mg/kg

LC50 (Dust/Mist)
4.48 mg/l

Numerical measures of toxicity: Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I. Basic Violet 11:1 (tetrachlorozincate) 73398-89-7</td>
<td>220 mg/kg (Rat)</td>
<td>-</td>
<td>0.83 mg/l (4 hour)</td>
</tr>
<tr>
<td>C.I. Basic Red 1:1 3068-39-1</td>
<td>449 mg/kg (Rat)</td>
<td>2,500 mg/kg (Rat)</td>
<td>0.05 mg/l (4 hour)</td>
</tr>
</tbody>
</table>

11.2 Information on toxicological effects

Skin corrosion/irritation
Product Information
* May cause irritation

Component Information
* No information available

Serious eye damage/eye irritation
Product Information
• May cause irritation
Component Information
• No information available

Respiratory or skin sensitization
Product Information
• May be harmful if inhaled
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
• No information available

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 contains a chemical
or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I. Basic Violet 11:1 (tetrachlorozincate)</td>
<td>1.0</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

### 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>
</tr>
</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>
</tr>
</tbody>
</table>

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>3</td>
<td>1</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazard</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</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*)
- STEL (Short Term Exposure Limit)
- TLV® (Threshold Limit Value)
- TWA (time-weighted average)

**Prepared By**

DayGlo Color Corp.
Regulatory Affairs/Product Safety

**Revision Date**

24-Apr-2018

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**