

SAFETY DATA SHEET



Revision Date 08-Nov-2019
Version 4

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

1.1 Product identifier

Product name Blaze Orange™ Paint
Product code 215-15

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

Recommended Use Paint
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)

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

| | |
|---------------------|------------|
| Aspiration toxicity | Category 1 |
| Flammable liquids | Category 3 |

2.2 Label elements

Signal Word
Danger

Hazard Statements
May be fatal if swallowed and enters airways
Flammable liquid and vapor

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed
 Ground/Bond container and receiving equipment
 Use explosion-proof electrical/ventilating/lighting/equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves/clothing and eye/face protection

Precautionary Statements - Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
 IF SWALLOWED: Immediately call a POISON CENTER or doctor
 Do NOT induce vomiting
 In case of fire: Use CO₂, dry chemical, or foam to extinguish

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity 35.08629436% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

Substance
Mixture

| Chemical Name | CAS No. | Weight-% |
|--|------------|----------|
| Distillates, petroleum, hydrotreated light | 64742-47-8 | 30 - 40 |
| C.I. Basic Red 1:1 | 3068-39-1 | < 1 |

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 Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

Eye contact Remove contact lenses, if present. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.

| | |
|---------------------|---|
| Skin contact | Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. If skin irritation persists, call a physician. |
| Inhalation | Consult a physician. |
| 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 water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Unsuitable Extinguishing Media High volume water jet.

5.2 Special hazards arising from the substance or mixture

Special Hazard

Hazardous decomposition products formed under fire conditions. Immediately place absorbent material in a sealed water-filled metal container to avoid spontaneous combustion of absorbent material contaminated with this product.

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge May be ignited by heat, sparks or flames.

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

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Prevent product from entering drains. Ground and bond containers when transferring material. Keep in suitable and closed containers for disposal.

7. Handling and storage

7.1 Precautions for safe handling

| | |
|--------------------------------|--|
| Advice on safe handling | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). |
| Hygiene measures | When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. |

7.2 Conditions for safe storage, including any incompatibilities

| | |
|---------------------------|--|
| Storage Conditions | Keep away from heat and sources of ignition. Keep container tightly closed in a dry and well-ventilated place. |
| Materials to Avoid | Strong oxidizing agents. |

| |
|---|
| 8. Exposure controls/personal protection |
|---|

8.1 Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | British Columbia | Alberta | Quebec | Ontario TWAEV |
|---|-----------|----------|------------------------------------|---------|--------|---------------|
| Distillates, petroleum, hydrotreated light 64742-47-8 | - | - | TWA: 200 mg/m ³ Skin | | | |

8.2 Appropriate engineering controls

| | |
|-----------------------------|--|
| Engineering Measures | Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

8.3 Individual protection measures, such as personal protective equipment

| | |
|---------------------------------|---|
| Eye/Face Protection | Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material. |
| Skin and body protection | Long sleeved clothing. |
| Respiratory protection | Respirator with filter for organic vapor. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn. |
| Hygiene measures | See section 7 for more information |

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | | | |
|-----------------------|---------|-----------------------|--------------------------|
| Physical state | Liquid | Color | Orange |
| Appearance | Liquid | Odor Threshold | No information available |
| Odor | Solvent | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Methods</u> |
|------------------------------|--------------------|--------------------------|
| pH | | No information available |
| Melting/freezing point | | No information available |
| Boiling point/boiling range | 154 °C / 309 °F | |
| Flash Point | 41 °C / 106 °F | |
| Evaporation rate | no data available | 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 | 1.05 | |
| Water solubility | Insoluble in water | |
| Solubility in other solvents | | 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 | | No information available |
| Oxidizing Properties | | No information available |

9.2 Other information

Volatile organic compounds (VOC) content 383 g/L

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

Heat, flames and sparks.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

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

| | |
|-------------------------------|---|
| Unknown Acute Toxicity | 35.08629436% of the mixture consists of ingredient(s) of unknown toxicity |
| Oral LD50 | 14,266.00 mg/kg |
| Dermal LD50 | 5,706.00 mg/kg |
| LC50 (Dust/Mist) | 6.66 mg/l |

Numerical measures of toxicity: Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|--------------------|-------------------------|------------------------|
| Distillates, petroleum, hydrotreated light 64742-47-8 | 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat) 4 h |
| C.I. Basic Red 1:1 3068-39-1 | 449 mg/kg (Rat) | 2,500 mg/kg (Rat) | 0.05 mg/l (4 hour) |

11.2 Information on toxicological effects

Skin corrosion/irritation

Product Information

- Irritating to skin

Component Information

- No information available

Serious eye damage/eye irritation

Product Information

- Irritating to eyes

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

- 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 information available

Other adverse effectsProduct Information

- No information available

Component Information

- No information available

Aspiration hazardProduct Information

- May be fatal if swallowed and enters airways

Component Information

- No information available

12. Ecological information

12.1 Toxicity**Ecotoxicity**

No information available

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

Ecotoxicity effects

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|--|-------------------|---|---|
| Distillates, petroleum, hydrotreated light 64742-47-8 | - | LC50: 96 h Pimephales promelas 45 mg/L flow-through LC50: 96 h Lepomis macrochirus 2.2 mg/L static LC50: 96 h Oncorhynchus mykiss 2.4 mg/L static | - |

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

Discharge into the environment must be avoided

13. Disposal Considerations

13.1 Waste treatment methods

Dispose of in accordance with local regulations.

14. Transport Information

DOT Not regulated (If shipped in NON BULK packaging by ground transport)

MEX no data available

IMDG

| | |
|-----------------------------|-------------------------|
| Proper shipping name | UN1263, Paint, 3, PGIII |
| Hazard class | 3 |
| UN | UN1263 |
| Packing Group | PGIII |

IATA

| | |
|-----------------------------|--|
| UN | UN1263 |
| Proper shipping name | UN1263, Paint, 3, PGIII |
| Proper shipping name | Flammable Liquid, n.o.s. (Mineral Spirits) |
| Hazard class | 3 |
| Packing Group | PGIII |

15. Regulatory information

15.1 International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| DSL | Complies |
| EINECS/ELINCS | - |
| ENCS | - |
| IECSC | - |
| KECL | - |
| PICCS | - |
| AICS | - |
| 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:

| Chemical Name | California Prop. 65 |
|--------------------------------|---------------------|
| Formaldehyde - 50-00-0 | Carcinogen |
| C.I. Basic Violet 10 - 81-88-9 | Carcinogen |

16. Other information

| | | | | |
|-------------|------------------------|-----------------------|--------------------------|--|
| NFPA | Health Hazard - | Flammability - | Instability - | Physical and chemical hazards - |
| HMIS | Health Hazard 2 | Flammability 2 | Physical Hazard 0 | Personal protection X |

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

No information available DayGlo Color Corp.

Regulatory Affairs/Product Safety

Revision Date

08-Nov-2019

Revision Note

No information available

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet