

1. Identification

Product Information.	215-14
Product Name:	Fire Orange™ Paint
Recommended Use.	Paint
Uses advised against.	No information available
Supplier.	DayGlo Color Corp. 4515 St. Clair Avenue Cleveland, OH 44102 (216) 391-7070 +1 216-391-7070 (outside the US)
Emergency telephone number.	Chemtrec: +1-800-424-9300 USA Chemtrec: +1 703-527-3887 ex-USA 24 hrs./day, 7 days/week

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200

Carcinogenicity, category 1B
Flammable Liquid, category 3
Reproductive Toxicity, category 1B
Skin Sensitizer, category 1
Aspiration Hazard, category 1

GHS Pictograms



Signal Word

Danger

Unknown Acute Toxicity

< 0.1% of the mixture consists of ingredient(s) of unknown acute toxicity

HAZARD STATEMENTS

Flammable liquid and vapor.
May be fatal if swallowed and enters airways.
May cause an allergic skin reaction.
May cause cancer.
May damage fertility or the unborn child.

Precautionary Statements - Prevention.

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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, protective clothing, eye protection, face protection

Precautionary Statements - Response.

If on skin: Wash with plenty of water.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

In case of fire: Use CO₂ dry chemical or foam to extinguish.

Precautionary Statements - Storage.

Store in a well-ventilated place. Keep cool.

Store locked up.

Precautionary Statements - Disposal.

Dispose of contents in accordance with local, regional, national, international regulations.

3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
Distillates, petroleum, hydrotreated light	64742-47-8	25-50
XYLENE	1330-20-7	0.1-1.0
C.I. Basic Red 1:1	3068-39-1	0.1-1.0
Naphtha, Petroleum Hydrotreated Heavy	64742-48-9	0.1-1.0
Methyl ethyl ketoxime	96-29-7	0.1-1.0
Ethyl Benzene	100-41-4	0.1-1.0
ZIRCONIUM 2-ETHYLHEXANOATE	22464-99-9	0.1-1.0

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

4. First-aid Measures

Description of first-aid measures.

General advice.

No Information

Inhalation.

Consult a physician.

Skin contact.

If skin irritation persists, call a physician.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion.

Do NOT induce vomiting. Drink plenty of water. Call a physician immediately.

Symptoms.

See Section 2 and Section 11, Toxicological effects for description of potential symptoms.

Notes to physician.

Treat symptomatically.

5. Fire-fighting Measures

Extinguishing media.

Suitable extinguishing media.

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

Extinguishing media which shall not be used for safety reasons.

None.

Special hazards arising from the substance or mixture.

Flammable. In the event of fire and/or explosion do not breathe fumes.

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

Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Use personal protective equipment. Remove all sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Ensure adequate ventilation, especially in confined areas.

Advice for emergency responders.

No Information

Environmental precautions.

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up.

Methods for Containment.

Soak up with inert absorbent material. Prevent product from entering drains. Keep in suitable and closed containers for disposal.

Methods for cleaning up.

No Information

Reference to other sections.

See section 8 for more information.

7. Handling and Storage

Conditions for safe storage, including any incompatibilities.

Advice on safe handling.

Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Hygiene measures.

Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions.

Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place. Keep away from heat and sources of ignition.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
XYLENE	20 ppm	N.E.	100 ppm	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

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.

No Information

Respiratory protection.

No Information

9. Physical and chemical properties.

Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	No Information
Color	Orange
Odor	Solvent
Odor Threshold	No Information
pH	No Information
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	41 (105.80)
Boiling point/boiling range., °C (°F)	154 (309.2)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm ³)	1.090
Water solubility.	Insoluble in water
Partition coefficient.	No Information
Autoignition temperature., °C	No Information
Decomposition Temperature °C.	No Information
Viscosity, kinematic.	No Information

Other information.

Volatile organic compounds (VOC) content.	383 g/L
Density, lb/gal	No Information

10. Stability and Reactivity

Reactivity.

No dangerous reaction known under conditions of normal use.

Chemical stability.

Stable. Heat, flames and sparks.

Possibility of hazardous reactions.

Hazardous polymerization does not occur.

Conditions to Avoid.

None known.

Incompatible Materials.

None under normal processing.

Hazardous Decomposition Products.

Carbon oxides. Nitrogen oxides (NO_x).

11. Toxicological Information

Information on toxicological effects.

Acute toxicity.

Product Information

No Information

Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
1330-20-7	XYLENE	3500 mg/kg Rat	>4350 mg/kg Rabbit	29.08 mg/L Rat (Vapor)
3068-39-1	C.I. Basic Red 1:1	449 mg/kg (Rat)	2,500 mg/kg (Rat)	0.05 mg/l (4 hours) (Dust)
64742-48-9	Naphtha, Petroleum Hydrotreated Heavy	N.I.	N.I.	> 4.98 Rat (Dust)
96-29-7	Methyl ethyl ketoxime	930 mg/kg Rat	1000 - 1800 mg/kg Rabbit	>4.83 mg/L Rat (Vapor)
100-41-4	Ethyl Benzene	3500 mg/kg Rat	15400 mg/kg Rabbit	NA (Dust)

N.I. = No Information

Skin corrosion/irritation.

Irritating to skin. SKIN IRRITANT.

Eye damage/irritation.

Irritating to eyes.

Respiratory or skin sensitization.

May cause drowsiness and dizziness based on components. May cause irritation of respiratory tract. Avoid breathing vapors or mists. May cause allergic skin reaction.

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
1330-20-7	XYLENE	IARC Group 3	-	-
100-41-4	Ethyl Benzene	IARC Group 2B	-	-

Reproductive toxicity.

May damage fertility or the unborn child.

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

No Information

Primary Route(s) of Entry

No Information

12. Ecological Information

Toxicity.

0.57% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

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

XYLENE 1330-20-7	-	LC50 96 h Pimephales promelas 13.4 mg/L, LC50 96 h Oncorhynchus mykiss 2.661 - 4.093 mg/L, LC50 96 h Oncorhynchus mykiss 13.5 - 17.3 mg/L, LC50 96 h Lepomis macrochirus 13.1 - 16.5 mg/L, LC50 96 h Lepomis macrochirus 19 mg/L, LC50 96 h Lepomis macrochirus 7.711 - 9.591 mg/L, LC50 96 h Pimephales promelas 23.53 - 29.97 mg/L, LC50 96 h Cyprinus carpio 780 mg/L, LC50 96 h Cyprinus carpio >780 mg/L, LC50 96 h Poecilia reticulata 30.26 - 40.	EC50 48 h water flea 3.82 mg/L, LC50 48 h Gammarus lacustris 0.6 mg/L
Naphtha, Petroleum Hydrotreated Heavy 64742-48-9	-	LC50 96 h Rainbow trout, donaldson trout 8.8 mg/L	-
Methyl ethyl ketoxime 96-29-7	EC50 72 h Desmodemus subspicatus 83 mg/L	LC50 96 h Pimephales promelas 777 - 914 mg/L, LC50 96 h Poecilia reticulata 760 mg/L	EC50 48 h Daphnia magna 750 mg/L
Ethyl Benzene 100-41-4	EC50 72 h Pseudokirchneriella subcapitata 4.6 mg/L, EC50 96 h Pseudokirchneriella subcapitata >438 mg/L, EC50 72 h Pseudokirchneriella subcapitata 2.6 - 11.3 mg/L, EC50 96 h Pseudokirchneriella subcapitata 1.7 - 7.6 mg/L	LC50 96 h Oncorhynchus mykiss 11.0 - 18.0 mg/L, LC50 96 h Oncorhynchus mykiss 4.2 mg/L, LC50 96 h Pimephales promelas 7.55 - 11 mg/L, LC50 96 h Lepomis macrochirus 32 mg/L, LC50 96 h Pimephales promelas 9.1 - 15.6 mg/L, LC50 96 h Poecilia reticulata 9.6 mg/L	EC50 48 h Daphnia magna 1.8 - 2.4 mg/L

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>log POW</u>
1330-20-7	XYLENE	2.77 - 3.15
3068-39-1	C.I. Basic Red 1:1	1.7
96-29-7	Methyl ethyl ketoxime	0.65
100-41-4	Ethyl Benzene	3.6

Mobility in soil.

No information

Other adverse effects.

No information

13. Disposal Considerations

Waste Disposal Guidance.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

DOT

Shipping Name: Not regulated (If shipped in NON BULK packaging by ground transport)

IMDG

Proper Shipping Name: UN1263, Paint, 3, PGIII
Hazard Class: 3
UN Number: UN1263
Packing Group: PGIII

IATA

Proper Shipping Name: UN1263, Paint, 3, PGIII
Hazard Class: 3
UN Number: UN1263
Packing Group: PGIII

15. Regulatory Information

International Inventories:

TSCA Complies
DSL Complies
DSL/NDSL -
EINECS/ELINCS -
ENCS -
IECSC -
KECI -
PICCS -
AIIC -
NZIoC -

TCSI

TSCA United States Toxic Substances Control Act Section 8(b) Inventory.
DSL Canadian Domestic Substances List.
DSL/NDSL Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS European Inventory of Existing Chemical Substances/European List of Notified 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.
AIIC Australian Inventory of Chemical Substances.
NZIoC New Zealand Inventory of Chemicals.
TCSI Taiwan Chemical Substance Inventory

U.S. Federal Regulations:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
Ethyl Benzene	100-41-4	0.1-1.0

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

ADDITIONAL INFORMATION

Additional Information - Sxn 15: No Information

CALIFORNIA PROPOSITION 65 CARCINOGENS



WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
Ethyl Benzene	100-41-4
Formaldehyde	50-00-0
C.I. Basic Violet 10	81-88-9

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

16. Other Information

Revision Date: 4/1/2024 **Supersedes Date:** 3/18/2024
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	Flammability:	2	Physical Hazard:	0	Personal Protection:	X
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NFPA Ratings:

Health:	N.I.	Flammability:	N.I.	Instability:	N.I.	Physical & Chemical:	N.I.
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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.