Safety Data Sheet

1. Identification

Product Information. HT4787

Product Name: Light Red Oxide Dispersion

Recommended Use. Coloring agent

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
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.

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 CO_2 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

Chemical Name	CAS-No.	Wt. %
Distillates, petroleum, hydrotreated light	64742-47-8	10-25
XYLENE	1330-20-7	0.1-1.0
Methyl ethyl ketoxime	96-29-7	0.1-1.0
Ethyl Benzene	100-41-4	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.
Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye contact.
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. 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.

May be ignited by heat, sparks or flames.

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. Ensure adequate ventilation, especially in confined areas.

Advice for emergency responders.

No Information

Environmental precautions.

See Section 12 for additional Ecological information.

Methods and materials for containment and cleaning up.

Methods for Containment.

Soak up with inert absorbent material. Ground and bond containers when transferring 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.

See section 7 for more information. 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

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
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.

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.

9. Physical and chemical properties.

Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	Liquid
Color	Red
Odor	Solvent
Odor Threshold	No Information
pH	No Information
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	49 (120.20)
Boiling point/boiling range., °C (°F)	166 (330.8)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm^3)	1.840
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.	348 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. Strong oxidizing agents.

Hazardous Decomposition Products.
Carbon oxides. Nitrogen oxides (NO_x).

11. Toxicological Information

Information on toxicological effects.

Acute toxicity.

Product Information

No Information

Component Information.

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1330-20-7	XYLENE	3500 mg/kg Rat	>4350 mg/kg Rabbit	29.08 mg/L Rat (Vapor)
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 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.

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

Reproductive toxicity.

No Information

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.

0.00% of the mixture consists of ingredient(s) of unknown aquatic toxicity

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, 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
Methyl ethyl ketoxime 96-29-7	EC50 72 h Desmodesmus 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.

CAS-No.	Chemical Name	log POW
1330-20-7	XYLENE	2.77 - 3.15
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: UN1993, Flammable liquid, n.o.s., (Distillates, Petroleum, Hydrotreated Lt.), 3, PGIII
Hazard Class: 3
UN Number: UN1993
Packing Group: PGIII

IATA

Proper Shipping Name: UN1993, Flammable liquid, n.o.s., (Distillates, Petroleum, Hydrotreated Lt.), 3, PGIII
Hazard Class: 3
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: .

Chemical Name	CAS-No.	Weight Percent
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:

Chemical Name	CAS-No.
Ethyl Benzene	100-41-4
Naphthalene	91-20-3

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

WARNING

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name	CAS-No.

Toluene	108-88-3

16. Other Information

Revision Date: 2/21/2024 **Supersedes Date:** 2/21/2024

Reason for revision: No Information

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	**Flammability:**	2	**Physical Hazard:**	0	**Personal Protection:**	X

NFPA Ratings:

Health:	N.I.	**Flammability:**	N.I.	**Instability:**	N.I.	**Physical & Chemical:**	N.I.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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