

SAFETY DATA SHEET

Revision Date 18-Oct-2021

Version 2

1. IDENTIFICATION

Product identifier

Product Name Gloss Black Enamel

Other means of identification

Product Code 77700-06431
UN/ID no UN1263
SKU(s) 70000-00017, 77700-00017, 77700-06431

Recommended use of the chemical and restrictions on use

Recommended Use No information available.
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Diamond Vogel
1020 Albany Place SE
Orange City, IA 51041
Phone: (712) 737-4993
Fax: (712) 737-4997

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---|-------------|
| Acute toxicity - Dermal | Category 4 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4 |
| Skin corrosion/irritation | Category 2 |
| Skin sensitization | Category 1 |
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Reproductive toxicity | Category 2 |
| Aspiration toxicity | Category 1 |
| Flammable liquids | Category 2 |

Emergency Overview

Danger

Hazard statements

Harmful in contact with skin
Harmful if inhaled
Causes skin irritation
May cause an allergic skin reaction
May cause genetic defects
May cause cancer
Suspected of damaging fertility or the unborn child
May be fatal if swallowed and enters airways
Highly flammable liquid and vapor

**Appearance** No information available**Physical state** Liquid**Odor** No information available**Precautionary Statements - Prevention**

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Wash face, hands and any exposed skin thoroughly after handling
 Contaminated work clothing should not be allowed out of the workplace
 Wear protective gloves
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Use explosion-proof electrical/ ventilating/ lighting/ equipment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 Call a POISON CENTER or doctor/physician if you feel unwell
 If skin irritation or rash occurs: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting
 In case of fire: Use CO₂, dry chemical, or foam for extinction

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

Hazards not otherwise classified (HNOC)**Other Information**

- May be harmful if swallowed
- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% | Trade Secret |
|-----------------------------------|------------|----------|--------------|
| Xylene | 1330-20-7 | 15 - 40 | * |
| Aliphatic Hydrocarbon | 64742-49-0 | 7 - 13 | * |
| Ethyl Benzene | 100-41-4 | 5 - 10 | * |
| Solvent Naphtha, Medium Aliphatic | 64742-88-7 | 1 - 5 | * |
| Aromatic 150 | 64742-94-5 | 1 - 5 | * |

| | | | |
|-----------------------------|------------|---------|---|
| Carbon Black | 1333-86-4 | 1 - 5 | * |
| Ethylene Glycol Butyl Ether | 111-76-2 | 1 - 5 | * |
| Toluene | 108-88-3 | 0.1 - 1 | * |
| Naphthalene | 91-20-3 | 0.1 - 1 | * |
| Methyl Ethyl Ketoxime | 96-29-7 | 0.1 - 1 | * |
| Pigment Blue 27 | 25869-00-5 | 0.1 - 1 | * |
| Cobalt 2-ethylhexanoate | 136-52-7 | 0.1 - 1 | * |

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

4. FIRST AID MEASURES

Description of first aid measures

| | |
|--|--|
| General advice | Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician. |
| 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. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Skin Contact | Wash off immediately with plenty of water. Call a physician immediately. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| Inhalation | If breathing is irregular or stopped, administer artificial respiration. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician immediately. Move to fresh air in case of accidental inhalation of vapors. |
| Ingestion | Do NOT induce vomiting. Rinse mouth. If symptoms persist, call a physician. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Call a physician. |
| Self-protection of the first aider | Remove all sources of ignition. Use personal protective equipment as required. |
| <u>Most important symptoms and effects, both acute and delayed</u> | |
| Symptoms | No information available. |
| <u>Indication of any immediate medical attention and special treatment needed</u> | |
| Note to physicians | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

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

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Flammable.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions 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 Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

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

Methods for cleaning up Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Cover liquid spill with sand, earth or other non-combustible absorbent material. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place.

Incompatible materials Strong oxidizing agents. Strong acids. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|---------------------------|--|--|---|
| Xylene 1330-20-7 | STEL: 150 ppm TWA: 100 ppm | TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³ | - |
| Ethyl Benzene 100-41-4 | TWA: 20 ppm | TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³ | IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³ |
| Carbon Black | TWA: 3 mg/m ³ inhalable particulate | TWA: 3.5 mg/m ³ | IDLH: 1750 mg/m ³ |

| | | | |
|---|-----------------------------|--|---|
| 1333-86-4 | matter | (vacated) TWA: 3.5 mg/m ³ | TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |
| Ethylene Glycol Butyl Ether 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |
| Toluene 108-88-3 | TWA: 20 ppm | TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm | IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³ |
| Naphthalene 91-20-3 | TWA: 10 ppm S* | TWA: 10 ppm TWA: 50 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m ³ (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m ³ | IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³ |
| Pigment Blue 27 25869-00-5 | TWA: 1 mg/m ³ Fe | TWA: 5 mg/m ³ CN (vacated) TWA: 1 mg/m ³ Fe (vacated) TWA: 5 mg/m ³ S* as CN | IDLH: 25 mg/m ³ CN TWA: 1 mg/m ³ Fe |

NIOSH *Immediately Dangerous to Life or Health*

Other Information

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles. Face protection shield.

Skin and body protection

No special technical protective measures are necessary.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Liquid

Appearance

No information available

Color

No information available

Odor

No information available

Odor threshold

No information available

Property

Values

Remarks • Method

pH

No information available

Melting point / freezing point

No information available

Boiling point / boiling range

>= 80 °C / 176 °F

Flash point

16 °C / 61 °F

Evaporation rate

No information available

| | |
|-------------------------------------|--------------------------|
| Flammability (solid, gas) | No information available |
| Flammability Limit 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 | 0.94 |
| Water solubility | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive properties | No information available |
| Oxidizing properties | No information available |

Other Information

| | |
|-----------------------------------|--------------------------|
| Softening point | No information available |
| Molecular weight | No information available |
| Liquid Density | 7.86 lbs/gal |
| Bulk density | No information available |
| Percent solids by weight | 38.9% |
| Percent volatile by weight | 61.1% |
| Percent solids by volume | 31.2% |
| Actual VOC (lbs/gal) | 4.8 |
| Actual VOC (grams/liter) | 575.6 |
| EPA VOC (lbs/gal) | 4.8 |
| EPA VOC (grams/liter) | 575.6 |
| EPA VOC (lb/gal solids) | 15.4 |

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents. Strong acids. Chlorinated compounds.

Hazardous decomposition products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--------------------|
| Product Information | No data available |
| Inhalation | No data available. |
| Eye contact | No data available. |

Skin Contact No data available.

Ingestion No data available.

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--|---|---|
| Xylene 1330-20-7 | = 3500 mg/kg (Rat) | > 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h |
| Aliphatic Hydrocarbon 64742-49-0 | > 5000 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 73680 ppm (Rat) 4 h |
| Ethyl Benzene 100-41-4 | = 3500 mg/kg (Rat) | = 15400 mg/kg (Rabbit) | = 17.4 mg/L (Rat) 4 h |
| Solvent Naphtha, Medium Aliphatic 64742-88-7 | > 25 mL/kg (Rat) | > 3000 mg/kg (Rabbit) | > 13 mg/L (Rat) 4 h |
| Aromatic 150 64742-94-5 | > 5000 mg/kg (Rat) | > 2 mL/kg (Rabbit) | > 590 mg/m ³ (Rat) 4 h |
| Carbon Black 1333-86-4 | > 15400 mg/kg (Rat) | > 3 g/kg (Rabbit) | - |
| Ethylene Glycol Butyl Ether 111-76-2 | = 470 mg/kg (Rat) | = 435 mg/kg (Rabbit) | = 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h |
| Toluene 108-88-3 | = 2600 mg/kg (Rat) | = 12000 mg/kg (Rabbit) | = 12.5 mg/L (Rat) 4 h |
| Naphthalene 91-20-3 | = 1110 mg/kg (Rat) = 490 mg/kg (Rat) | (= 1120 mg/kg (Rabbit) > 20 g/kg (Rabbit) | > 340 mg/m ³ (Rat) 1 h |
| Methyl Ethyl Ketoxime 96-29-7 | = 930 mg/kg (Rat) | 1000 - 1800 mg/kg (Rabbit) | > 4.83 mg/L (Rat) 4 h |
| Pigment Blue 27 25869-00-5 | > 5000 mg/kg (Rat) | - | - |
| Cobalt 2-ethylhexanoate 136-52-7 | = 1300 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | > 10 mg/L (Rat) 1 h |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|-------|----------|------------------------|------|
| Xylene 1330-20-7 | - | Group 3 | - | - |
| Ethyl Benzene 100-41-4 | A3 | Group 2B | - | X |
| Carbon Black 1333-86-4 | A3 | Group 2B | - | X |
| Ethylene Glycol Butyl Ether 111-76-2 | A3 | Group 3 | - | - |
| Toluene 108-88-3 | - | Group 3 | - | - |
| Naphthalene 91-20-3 | A3 | Group 2B | Reasonably Anticipated | X |
| Cobalt 2-ethylhexanoate 136-52-7 | - | Group 2B | Reasonably Anticipated | X |

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity Product is or contains a chemical which is a known or suspected reproductive hazard.

STOT - single exposure No information available.

| | |
|---------------------------------|--|
| STOT - repeated exposure | No information available. |
| Chronic toxicity | Contains a known or suspected reproductive toxin. Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Avoid repeated exposure. |
| Target organ effects | blood, Central nervous system, Eyes, Hematopoietic System, kidney, liver, Lymphatic System, Respiratory system, Skin. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects

2.24% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|--|---|--|
| Xylene 1330-20-7 | - | 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 19: 96 h Lepomis macrochirus mg/L LC50 | 3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50 |
| Aliphatic Hydrocarbon 64742-49-0 | - | 8.41: 96 h Oncorhynchus mykiss mg/L LC50 semi-static, closed | 2.6: 96 h Chaetogammarus marinus mg/L LC50 |
| Ethyl Benzene 100-41-4 | 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static | 11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static | 1.8 - 2.4: 48 h Daphnia magna mg/L EC50 |
| Solvent Naphtha, Medium Aliphatic 64742-88-7 | 450: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 800: 96 h Pimephales promelas mg/L LC50 static | 100: 48 h Daphnia magna mg/L EC50 |
| Aromatic 150 64742-94-5 | 2.5: 72 h Skeletonema costatum mg/L EC50 | 19: 96 h Pimephales promelas mg/L LC50 static 1740: 96 h Lepomis macrochirus mg/L LC50 static 2.34: 96 h Oncorhynchus mykiss mg/L LC50 45: 96 h Pimephales promelas mg/L LC50 flow-through 41: 96 h Pimephales promelas mg/L LC50 | 0.95: 48 h Daphnia magna mg/L EC50 |
| Carbon Black 1333-86-4 | - | - | 5600: 24 h Daphnia magna mg/L EC50 |
| Ethylene Glycol Butyl Ether 111-76-2 | - | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | 1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50 |
| Toluene | 433: 96 h Pseudokirchneriella | 15.22 - 19.05: 96 h Pimephales | 5.46 - 9.83: 48 h Daphnia magna |

| | | | |
|----------------------------------|---|---|--|
| 108-88-3 | subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static | promelas mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 54: 96 h Oryzias latipes mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static | mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50 |
| Naphthalene 91-20-3 | 0.4: 72 h Skeletonema costatum mg/L EC50 | 5.74 - 6.44: 96 h Pimephales promelas mg/L LC50 flow-through 0.91 - 2.82: 96 h Oncorhynchus mykiss mg/L LC50 static 1.6: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.99: 96 h Pimephales promelas mg/L LC50 static 31.0265: 96 h Lepomis macrochirus mg/L LC50 static | 1.09 - 3.4: 48 h Daphnia magna mg/L EC50 Static 2.16: 48 h Daphnia magna mg/L LC50 1.96: 48 h Daphnia magna mg/L EC50 Flow through |
| Methyl Ethyl Ketoxime 96-29-7 | 83: 72 h Desmodosmus subspicatus mg/L EC50 | 760: 96 h Poecilia reticulata mg/L LC50 static 320 - 1000: 96 h Leuciscus idus mg/L LC50 static 777 - 914: 96 h Pimephales promelas mg/L LC50 flow-through | 750: 48 h Daphnia magna mg/L EC50 |
| Pigment Blue 27 25869-00-5 | - | 100: 96 h Cyprinus carpio mg/L LC50 static 1000: 96 h Leuciscus idus mg/L LC50 semi-static | - |

Persistence and degradability

No information available.

Bioaccumulation

No information available.

| Chemical name | Partition coefficient |
|---|-----------------------|
| Xylene 1330-20-7 | 2.77 - 3.15 |
| Ethyl Benzene 100-41-4 | 3.2 |
| Aromatic 150 64742-94-5 | 2.9 - 6.1 |
| Ethylene Glycol Butyl Ether 111-76-2 | 0.81 |
| Toluene 108-88-3 | 2.7 |
| Naphthalene 91-20-3 | 3.6 |
| Methyl Ethyl Ketoxime 96-29-7 | 0.65 |

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

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

Contaminated packaging

Do not reuse container.

US EPA Waste Number

D001 U220 U239 U019 U151 U165 U055

| Chemical name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|-------------------------------|------|--|------------------------|------------------------|
| Xylene 1330-20-7 | - | Included in waste stream: F039 | - | U239 |
| Ethyl Benzene 100-41-4 | - | Included in waste stream: F039 | - | - |
| Toluene 108-88-3 | U220 | Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151 | - | U220 |
| Naphthalene 91-20-3 | U165 | Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145 | - | U165 |
| Pigment Blue 27 25869-00-5 | - | Included in waste streams: F007, F008, F009, F010, F011 | - | - |

| Chemical name | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes | RCRA - K Series Wastes |
|------------------------|--------------------------------------|------------------------|--|------------------------|
| Toluene 108-88-3 | - | - | Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. | - |
| Naphthalene 91-20-3 | - | - | Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. | - |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name | California Hazardous Waste Status |
|-------------------------------------|-----------------------------------|
| Xylene 1330-20-7 | Toxic Ignitable |
| Ethyl Benzene 100-41-4 | Toxic Ignitable |
| Toluene 108-88-3 | Toxic Ignitable |
| Naphthalene 91-20-3 | Toxic |
| Cobalt 2-ethylhexanoate 136-52-7 | Toxic |

| |
|----------------------------------|
| 14. TRANSPORT INFORMATION |
|----------------------------------|

DOT

| | |
|--|--|
| UN/ID no | UN1263 |
| Proper shipping name | Paint |
| Hazard class | 3 |
| Packing Group | II |
| Reportable Quantity (RQ) | (Ethyl Benzene: RQ (kg)= 454.00, Toluene: RQ (kg)= 0.454, Xylene: RQ (kg)= 45.40, Naphthalene: RQ (kg)= 0.454) |
| Special Provisions | 149, B52, IB2, T4, TP1, TP8, TP28 |
| Description | UN1263, Paint, 3, II |
| Emergency Response Guide Number | 128 |

TDG

| | |
|-----------------------------|----------------------|
| UN/ID no | UN1263 |
| Proper shipping name | Paint |
| Hazard class | 3 |
| Packing Group | II |
| Special Provisions | 59, 83 |
| Description | UN1263, Paint, 3, II |

MEX

| | |
|-----------------------------|----------------------|
| UN/ID no | UN1263 |
| Proper shipping name | Paint |
| Hazard class | 3 |
| Special Provisions | 163 |
| Packing Group | II |
| Description | UN1263, Paint, 3, II |

ICAO (air)

| | |
|-----------------------------|----------------------|
| UN/ID no | UN1263 |
| Proper shipping name | Paint |
| Hazard class | 3 |
| Packing Group | II |
| Special Provisions | A3, A72 |
| Description | UN1263, Paint, 3, II |

IATA

| | |
|-----------------------------------|----------------------|
| UN Number | UN1263 |
| Proper shipping name | Paint |
| Transport hazard class(es) | 3 |
| Packing Group | II |
| ERG Code | 3L |
| Special Provisions | A3, A72 |
| Description | UN1263, Paint, 3, II |

IMDG

| | |
|-----------------------------------|-----------------------------------|
| UN Number | UN1263 |
| Transport hazard class(es) | 3 |
| Packing Group | II |
| EmS-No | F-E, S-E |
| Special Provisions | 163 |
| Description | UN1263, Paint, 3, II, (16°C c.c.) |

RID

| | |
|-----------------------------------|--------|
| UN/ID no | UN1263 |
| Proper shipping name | Paint |
| Transport hazard class(es) | 3 |
| Packing Group | II |

Classification code F1
Special Provisions 163, 640C, 650
Description UN1263, Paint, 3, II
Labels 3

ADR

UN Number UN1263
Proper shipping name Paint
Transport hazard class(es) 3
Packing Group II
Classification code F1
Tunnel restriction code (D/E)
Special Provisions 163, 640C, 650
Description UN1263, Paint, 3, II, (D/E)
Labels 3

ADN

Proper shipping name Paint
Transport hazard class(es) 3
Packing Group II
Classification code F1
Special Provisions 163, 640C, 650
Description UN1263, Paint, 3, II
Hazard label(s) 3
Limited quantity (LQ) 5 L
Ventilation VE01
Equipment Requirements PP, EX, A

| |
|-----------------------------------|
| 15. REGULATORY INFORMATION |
|-----------------------------------|

International Inventories

TSCA Complies
DSL/NDSL Complies *

* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US 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

| Chemical name | SARA 313 - Threshold Values % |
|--|-------------------------------|
| Xylene - 1330-20-7 | 1.0 |
| Ethyl Benzene - 100-41-4 | 0.1 |
| Ethylene Glycol Butyl Ether - 111-76-2 | 1.0 |
| Naphthalene - 91-20-3 | 0.1 |

SARA 311/312 Hazard Categories

Acute health hazard Yes
Chronic Health Hazard No
Fire hazard Yes
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Xylene 1330-20-7 | 100 lb | - | - | X |
| Ethyl Benzene 100-41-4 | 1000 lb | X | X | X |
| Toluene 108-88-3 | 1000 lb | X | X | X |
| Naphthalene 91-20-3 | 100 lb | X | X | X |
| Pigment Blue 27 25869-00-5 | - | X | X | - |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------------------|--------------------------|----------------|--|
| Xylene 1330-20-7 | 100 lb | - | RQ 100 lb final RQ RQ 45.4 kg final RQ |
| Ethyl Benzene 100-41-4 | 1000 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ |
| Toluene 108-88-3 | 1000 lb 1 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ |
| Naphthalene 91-20-3 | 100 lb 1 lb | - | RQ 100 lb final RQ RQ 45.4 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ |

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical name | California Proposition 65 |
|--|---|
| Ethyl Benzene - 100-41-4 | Carcinogen |
| Carbon Black - 1333-86-4 | Carcinogen |
| Toluene - 108-88-3 | Developmental |
| Naphthalene - 91-20-3 | Carcinogen |
| Pigment Blue 27 - 25869-00-5 | Male Reproductive |
| Hexane - 110-54-3 | Male Reproductive |
| Cumene - 98-82-8 | Carcinogen |
| Benzene(including benzene from gasoline) - 71-43-2 | Carcinogen Developmental Male Reproductive |
| Lead - 7439-92-1 | Carcinogen Developmental Female Reproductive Male Reproductive |
| Mercury - 7439-97-6 | Developmental |
| Nickel - 7440-02-0 | Carcinogen |
| Arsenic - 7440-38-2 | Carcinogen |
| Cadmium - 7440-43-9 | Carcinogen Developmental Male Reproductive |

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts |
|---|------------|---------------|
| Xylene 1330-20-7 | X | X |
| Ethyl Benzene 100-41-4 | X | X |
| Carbon Black 1333-86-4 | X | X |
| Ethylene Glycol Butyl Ether 111-76-2 | X | X |

| | | |
|-------------------------------------|---|---|
| Toluene 108-88-3 | X | X |
| Naphthalene 91-20-3 | X | X |
| Cobalt 2-ethylhexanoate 136-52-7 | X | - |

| Chemical name | Pennsylvania |
|---|--------------|
| Xylene 1330-20-7 | X |
| Ethyl Benzene 100-41-4 | X |
| Carbon Black 1333-86-4 | X |
| Ethylene Glycol Butyl Ether 111-76-2 | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

Hazardous air pollutants (HAPS) content

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants' (present individually at 1% by weight, or greater):

| Chemical name | Weight % of HAPS in Product | Pounds HAPS / Gal Product |
|---------------------------|-----------------------------|---------------------------|
| Xylene 1330-20-7 | 32.80% | 2.58 |
| Ethyl Benzene 100-41-4 | 8.40% | 0.66 |

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 2 Flammability 3 Instability 0 Physical and chemical properties -
HMIS Health hazards 2 * Flammability 3 Physical hazards 0 Personal protection X
*Chronic Hazard Star Legend * = Chronic Health Hazard*

Revision Date 18-Oct-2021

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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

End of Safety Data Sheet