NAZDAR
INK TECHNOLOGIES

# SAFETY DATA SHEET

| Published Date | Revision Date | Revision Number |
|---|---|---|
| Jan-25-2023 | Jan-25-2023 | 2.6 |

## 1. IDENTIFICATION

### Product identifier

**Product code** GV157

**Product name** Royal Blue

**Product category** GV Series SV Vinyl Screen Ink

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Industrial Printing Operations

### Details of the supplier of the safety data sheet

UNITED STATES
Nazdar Company
8501 Hedge Lane Terrace
Shawnee, KS 66227
Tel: +001-913-422-1888
Tel: +001-800-677-4657
Fax: +001-913-422-2294
www.nazdar.com

UNITED KINGDOM
Nazdar Limited
Barton Road
Heaton Mersey
Stockport, England SK4 3EG
Tel: +44 161 442 2111

### Emergency telephone number

USA: Chemtrec: +001-800-424-9300
Outside USA: Chemtrec: +001-703-527-3887
24 Hour Emergency Phone Number

## 2. HAZARDS IDENTIFICATION

### Classification

| | |
|---|---|
| Serious eye damage/eye irritation | Category 2 - (H319) |
| Carcinogenicity | Category 2 - (H351) |
| Specific target organ toxicity (single exposure) | Category 3 - (H335) |
| Aspiration hazard | Category 1 - (H304) |
| Chronic aquatic toxicity | Category 3 - (H412) |

### Label elements

**Signal word**
Danger

**Hazard statements**
H304 - May be fatal if swallowed and enters airways
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H351 - Suspected of causing cancer

H412 - Harmful to aquatic life with long lasting effects

**Precautionary Statements**
P201 - Obtain special instructions before use
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
P331 - Do NOT induce vomiting

**Hazards not otherwise classified (HNOC)**
Causes mild skin irritation. Harmful to aquatic life.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

| Chemical name | CAS No | Weight-% | Trade secret | Note |
|---|---|---|---|---|
| Isophorone | 78-59-1 | 30 - 60 | * | |
| Solvent naphtha, petroleum, heavy aromatic | 64742-94-5 | 10 - 30 | * | |
| Ethyl 3-ethoxypropionate | 763-69-9 | 5 - 10 | * | |
| Copper Phthalocyanine Compound | Not Available | 1 - 5 | * | |
| Titanium Dioxide | 13463-67-7 | 1 - 5 | * | |
| Solvent naphtha, petroleum, light aromatic | 64742-95-6 | 1 - 5 | * | |
| 1,2,4-Trimethylbenzene (constituent) | 95-63-6 | 1 - 5 | * | 1 |
| Naphthalene (constituent) | 91-20-3 | 0.1 - < 1 | * | 1 |
| 1,3,5-Trimethylbenzene (constituent) | 108-67-8 | 0.1 - < 1 | * | 1 |
| Cumene (constituent) | 98-82-8 | 0.1 - < 1 | * | 1 |

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

*Note*
*1. Hazardous Constituent contained in Complex Substance(s) required for disclosure*

## 4. FIRST-AID MEASURES

**Description of first aid measures**

**General Advice** Show this safety data sheet to the doctor in attendance.
**Eye Contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
**Skin Contact** Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.
**Inhalation** If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately. Remove person to fresh air and keep comfortable for breathing.
**Ingestion** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

**Most important symptoms and effects, both acute and delayed**
None under normal use conditions.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**
No information available.

**Specific Hazards Arising from the Chemical**
Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions.

**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. Sealed containers may rupture when heated. Cool containers / tanks with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Evacuate personnel to safe areas. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid contact with eyes, skin and clothing. Ventilate the area. Avoid breathing dust or vapor.

**Environmental precautions**
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Keep out of drains, sewers, ditches and waterways.

**Methods and material for containment and cleaning up**
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Use personal protective equipment as required.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep away from open flames, hot surfaces and sources of ignition. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong bases. Reducing agent.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure limits**

| Chemical name | ACGIH TLV |
|---|---|
| Isophorone<br>78-59-1 | Ceiling: 5 ppm |
| Copper Phthalocyanine Compound | twa |
| Titanium Dioxide<br>13463-67-7 | TWA: 0.2 mg/m³ nanoscale respirable particulate matter<br>TWA: 2.5 mg/m³ finescale respirable particulate matter |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | TWA: 10 ppm |
| Naphthalene (constituent)<br>91-20-3 | TWA: 10 ppm<br>Skin |
| 1,3,5-Trimethylbenzene (constituent)<br>108-67-8 | TWA: 10 ppm |
| Cumene (constituent) | TWA: 5 ppm |

| | |
|---|---|
| 98-82-8 | |

| Chemical name | OSHA PEL |
|---|---|
| Isophorone<br>78-59-1 | TWA: 25 ppm<br>TWA: 140 mg/m³ |
| Titanium Dioxide<br>13463-67-7 | TWA: 15 mg/m³ total dust |
| Naphthalene (constituent)<br>91-20-3 | TWA: 10 ppm<br>TWA: 50 mg/m³ |
| Cumene (constituent)<br>98-82-8 | TWA: 50 ppm<br>TWA: 245 mg/m³<br>Skin |

| Chemical name | OSHA PEL (vacated) |
|---|---|
| Isophorone<br>78-59-1 | TWA: 4 ppm<br>TWA: 23 mg/m³ |
| Titanium Dioxide<br>13463-67-7 | TWA: 10 mg/m³ total dust |
| Naphthalene (constituent)<br>91-20-3 | TWA: 10 ppm<br>TWA: 50 mg/m³<br>STEL: 15 ppm<br>STEL: 75 mg/m³ |
| Cumene (constituent)<br>98-82-8 | TWA: 50 ppm<br>TWA: 245 mg/m³<br>Skin |

| Chemical name | Ontario TWAEV |
|---|---|
| Isophorone<br>78-59-1 | Ceiling: 5 ppm |
| Ethyl 3-ethoxypropionate<br>763-69-9 | TWA: 50 ppm<br>TWA: 300 mg/m³ |
| Titanium Dioxide<br>13463-67-7 | TWA: 10 mg/m³ |
| Naphthalene (constituent)<br>91-20-3 | TWA: 10 ppm<br>Skin |
| Cumene (constituent)<br>98-82-8 | TWA: 50 ppm |

| Chemical name | Mexico OEL (TWA) |
|---|---|
| Isophorone<br>78-59-1 | Ceiling: 5 ppm |
| Titanium Dioxide<br>13463-67-7 | TWA/VLE-PPT: 10 mg/m³ |
| Naphthalene (constituent)<br>91-20-3 | TWA/VLE-PPT: 10 ppm<br>STEL/PPT-CT: 15 ppm |
| Cumene (constituent)<br>98-82-8 | TWA/VLE-PPT: 50 ppm |

**Appropriate engineering controls**

**Engineering Measures** In case of insufficient ventilation, wear suitable respiratory equipment. Provide a good standard of general ventilation. Natural ventilation is from doors, windows etc. Controlled ventilation means air is supplied or removed by a powered fan. Users are advised to consider national Occupational Exposure Limits or other equivalent values.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear safety glasses with side shields (or goggles). Ensure that eyewash stations and safety showers are close to the workstation location. If splashes are likely to occur:. Wear suitable face shield.

**Skin Protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Hand Protection** Chemical resistant protective gloves.

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding >480 minutes of permeation time): eg. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other
Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers. Taking into account the varying conditions, the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.
Due to different glove types, the manufacturer's directions for use should be observed. Replace gloves immediately when torn or any change in appearance is noticed such as dimension, color, flexibility.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical state** | Liquid | **Appearance** | Colored |
| **Odor** | Characteristic | **Odor Threshold** | No information available |

| **Property** | **Values** | **Remarks • Method** |
|---|---|---|
| **pH** | | No data available |
| **Melting Point / Freezing Point** | No information available | No data available |
| **Boiling Point / Boiling Range** | > 149 °C / 300 °F | |
| **Flash Point** | 66 °C / 150 °F | Setaflash closed cup |
| **Evaporation rate** | | No data available |
| **Flammability Limit in Air** | | |
| **Upper flammability limit** | | No data available |
| **Lower flammability limit** | | No data available |
| **Vapor Pressure** | | No data available |
| **Vapor Density** | | No data available |
| **Specific Gravity** | 1.04 | |
| **Water Solubility** | | No data available |
| **Solubility in other solvents** | | No data available |
| **Partition coefficient: n-octanol/water** | | No data available |
| **Autoignition Temperature** | No information available | No data available |
| **Hyphen** | | No data available |
| **Kinematic viscosity** | | No data available |
| **Dynamic viscosity** | | No data available |

**Explosive Properties** No data available
**Oxidizing Properties** No data available

**Other information**

**Photochemically Reactive** Yes
**Weight Per Gallon (lbs/gal)** 8.69

| VOC by weight % (less water) | VOC by volume % (less water) | VOC lbs/gal (less water) | VOC grams/liter (less water) |
|---|---|---|---|
| 65.74 | 67.9 | 5.72 | 685.25 |

## 10. STABILITY AND REACTIVITY

**Reactivity**
No information available.

**Chemical stability**
Stable under normal conditions.

**Possibility of hazardous reactions**
None under normal processing.

**Conditions to avoid**
Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible materials**
Strong oxidizing agents. Strong acids. Strong bases. Reducing agent.

**Hazardous decomposition products**
Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide (CO2).

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | Specific test data for the substance or mixture is not available. |
| **Eye Contact** | Specific test data for the substance or mixture is not available. |
| **Skin Contact** | Specific test data for the substance or mixture is not available. |
| **Ingestion** | Specific test data for the substance or mixture is not available. |

| Chemical name | Oral LD50 |
|---|---|
| Isophorone<br>78-59-1 | = 1870 mg/kg ( Rat ) |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | > 5000 mg/kg ( Rat ) |
| Ethyl 3-ethoxypropionate<br>763-69-9 | = 5 g/kg ( Rat ) |
| Copper Phthalocyanine Compound | > 10000 mg/kg ( Rat ) |
| Titanium Dioxide<br>13463-67-7 | > 10000 mg/kg ( Rat ) |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 | = 8400 mg/kg ( Rat ) |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | = 3280 mg/kg ( Rat ) |
| Naphthalene (constituent)<br>91-20-3 | = 1110 mg/kg ( Rat ) |
| Cumene (constituent)<br>98-82-8 | = 1400 mg/kg ( Rat ) |

| Chemical name | Dermal LD50 |
|---|---|
| Isophorone<br>78-59-1 | = 1700 mg/kg ( Rat ) |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | > 2000 mg/kg ( Rabbit ) |
| Ethyl 3-ethoxypropionate<br>763-69-9 | > 9500 mg/kg ( Rabbit ) |
| Copper Phthalocyanine Compound | > 5000 mg/kg ( Rat ) |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 | > 2000 mg/kg ( Rabbit ) |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | > 3160 mg/kg ( Rabbit ) |
| Naphthalene (constituent)<br>91-20-3 | = 1120 mg/kg ( Rabbit ) |
| Cumene (constituent)<br>98-82-8 | = 12300 µL/kg ( Rabbit ) |

| Chemical name | Inhalation LC50 |
|---|---|
| Isophorone<br>78-59-1 | = 7 mg/L ( Rat ) 4 h |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | > 590 mg/m³ ( Rat ) 4 h |
| Ethyl 3-ethoxypropionate<br>763-69-9 | > 5.96 mg/L ( Rat ) 6 h |
| Titanium Dioxide<br>13463-67-7 | = 5.09 mg/L ( Rat ) 4 h |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 | = 3400 ppm ( Rat ) 4 h |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | = 18 g/m³ ( Rat ) 4 h |
| Naphthalene (constituent)<br>91-20-3 | > 0.4 mg/L ( Rat ) 4 h |
| 1,3,5-Trimethylbenzene (constituent)<br>108-67-8 | = 24 g/m³ ( Rat ) 4 h |
| Cumene (constituent)<br>98-82-8 | > 3577 ppm ( Rat ) 6 h |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Specific test data for the substance or mixture is not available.

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

**Skin corrosion/irritation** Specific test data for the substance or mixture is not available.
**Eye damage/irritation** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components).
**Irritation** Specific test data for the substance or mixture is not available.
**Corrosivity** Specific test data for the substance or mixture is not available.
**Sensitization** Specific test data for the substance or mixture is not available.
**Mutagenic Effects** Specific test data for the substance or mixture is not available.
**Carcinogenic effects** Specific test data for the substance or mixture is not available. Suspected of causing cancer. (based on components).
**Reproductive Effects** Specific test data for the substance or mixture is not available.
**STOT - single exposure** Specific test data for the substance or mixture is not available. May cause respiratory irritation. (based on components).
**STOT - repeated exposure** Specific test data for the substance or mixture is not available.
**Chronic Toxicity** Specific test data for the substance or mixture is not available
**Aspiration hazard** Specific test data for the substance or mixture is not available. May be fatal if swallowed and enters airways. (based on components).
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH |
|---|---|
| Isophorone<br>78-59-1 | A3 |
| Titanium Dioxide<br>13463-67-7 | A3 |
| Naphthalene (constituent)<br>91-20-3 | A3 |
| Cumene (constituent)<br>98-82-8 | A3 |

| Chemical name | IARC |
|---|---|
| Titanium Dioxide<br>13463-67-7 | Group 2B |
| Naphthalene (constituent)<br>91-20-3 | Group 2B |
| Cumene (constituent)<br>98-82-8 | Group 2B |

| Chemical name | NTP |
|---|---|
| Naphthalene (constituent)<br>91-20-3 | Reasonably Anticipated |
| Cumene (constituent) | Reasonably Anticipated |

| | |
|---|---|
| 98-82-8 | |

| Chemical name | OSHA |
|---|---|
| Isophorone<br>78-59-1 | X |
| Titanium Dioxide<br>13463-67-7 | X |
| Naphthalene (constituent)<br>91-20-3 | X |
| Cumene (constituent)<br>98-82-8 | X |

**Numerical measures of toxicity - Product Information**

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

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

**ATEmix (oral)** 4,299.80 mg/kg
**ATEmix (dermal)** 3,908.90 mg/kg
**ATEmix (inhalation-dust/mist)** 147.10 mg/l
**ATEmix (inhalation-vapor)** 1,078.50 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Specific test data for the substance or mixture is not available. Harmful to aquatic life with long lasting effects. (based on components).

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants |
|---|---|
| Isophorone<br>78-59-1 | 72h EC50 Desmodesmus subspicatus: = 475.4 mg/L<br>96h EC50 Pseudokirchneriella subcapitata: 51.1 - 342 mg/L |
| Cumene (constituent)<br>98-82-8 | 72h EC50 Pseudokirchneriella subcapitata: = 2.6 mg/L |

| Chemical name | Fish |
|---|---|
| Isophorone<br>78-59-1 | 96h LC50 Pimephales promelas: 132 - 159 mg/L (flow-through)<br>96h LC50 Lepomis macrochirus: 180 - 250 mg/L (static)<br>96h LC50 Pimephales promelas: 213 - 271 mg/L (static) |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | 96h LC50 Pimephales promelas: = 19 mg/L (static)<br>96h LC50 Oncorhynchus mykiss: = 2.34 mg/L<br>96h LC50 Lepomis macrochirus: = 1740 mg/L (static)<br>96h LC50 Pimephales promelas: = 45 mg/L (flow-through)<br>96h LC50 Pimephales promelas: = 41 mg/L |
| Ethyl 3-ethoxypropionate<br>763-69-9 | 96h LC50 Pimephales promelas: = 62 mg/L (static) |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 | 96h LC50 Oncorhynchus mykiss: = 9.22 mg/L |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | 96h LC50 Pimephales promelas: 7.19 - 8.28 mg/L (flow-through) |
| Naphthalene (constituent)<br>91-20-3 | 96h LC50 Oncorhynchus mykiss: = 1.6 mg/L (flow-through)<br>96h LC50 Oncorhynchus mykiss: 0.91 - 2.82 mg/L (static)<br>96h LC50 Pimephales promelas: = 1.99 mg/L (static)<br>96h LC50 Lepomis macrochirus: = 31.0265 mg/L (static)<br>96h LC50 Pimephales promelas: 5.74 - 6.44 mg/L (flow-through) |
| 1,3,5-Trimethylbenzene (constituent)<br>108-67-8 | 96h LC50 Pimephales promelas: = 3.48 mg/L |
| Cumene (constituent)<br>98-82-8 | 96h LC50 Pimephales promelas: 6.04 - 6.61 mg/L (flow-through)<br>96h LC50 Oncorhynchus mykiss: = 4.8 mg/L (flow-through)<br>96h LC50 Oncorhynchus mykiss: = 2.7 mg/L (semi-static)<br>96h LC50 Poecilia reticulata: = 5.1 mg/L (semi-static) |

| Chemical name | Crustacea |
|---|---|
| Isophorone<br>78-59-1 | 48h EC50 Daphnia magna: = 117 mg/L |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | 48h EC50 Daphnia magna: = 0.95 mg/L |
| Ethyl 3-ethoxypropionate<br>763-69-9 | 48h EC50 Daphnia magna: = 970 mg/L |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 | 48h EC50 Daphnia magna: = 6.14 mg/L |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | 48h EC50 Daphnia magna: = 6.14 mg/L |
| Naphthalene (constituent)<br>91-20-3 | 48h EC50 Daphnia magna: 1.09 - 3.4 mg/L Static<br>48h EC50 Daphnia magna: = 1.96 mg/L Flow through<br>48h LC50 Daphnia magna: = 2.16 mg/L |
| Cumene (constituent)<br>98-82-8 | 48h EC50 Daphnia magna: 7.9 - 14.1 mg/L Static<br>48h EC50 Daphnia magna: = 0.6 mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

| Chemical name | Partition coefficient |
|---|---|
| Isophorone<br>78-59-1 | 1.66 |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | 2.9 - 6.1 |
| Ethyl 3-ethoxypropionate<br>763-69-9 | 1.35 |
| Copper Phthalocyanine Compound | 6.6 |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | 3.63 |
| Naphthalene (constituent)<br>91-20-3 | 3.6 |
| Cumene (constituent)<br>98-82-8 | 3.7 |

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Methods** Contain and dispose of waste according to local regulations.

**Contaminated Packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

**Note:** This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

**DOT** Not regulated

**ICAO / IATA / IMDG / IMO** Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

For further information, please contact:. All components are listed on the TSCA Inventory. Supplier (manufacturer/importer/downstream user/distributor).

### 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.

| Chemical name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| 1,2,4-Trimethylbenzene (constituent) | 95-63-6 | 1 - 5 | 1.0 |
| Naphthalene (constituent) | 91-20-3 | 0.1 - < 1 | 0.1 |
| Cumene (constituent) | 98-82-8 | 0.1 - < 1 | 0.1 |

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:.

| Chemical name | CAS No | Weight-% |
|---|---|---|
| Isophorone | 78-59-1 | 30 - 60 |
| Naphthalene (constituent) | 91-20-3 | 0.1 - < 1 |
| Cumene (constituent) | 98-82-8 | 0.1 - < 1 |

### US State Regulations

| Chemical name | Massachusetts |
|---|---|
| Isophorone<br>78-59-1 | X |
| Titanium Dioxide<br>13463-67-7 | X |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | X |
| Naphthalene (constituent)<br>91-20-3 | X |
| 1,3,5-Trimethylbenzene (constituent)<br>108-67-8 | X |
| Cumene (constituent)<br>98-82-8 | X |

| Chemical name | Minnesota Right To Know |
|---|---|
| Isophorone<br>78-59-1 | X |
| Titanium Dioxide<br>13463-67-7 | X |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | X |
| Naphthalene (constituent)<br>91-20-3 | X |
| Cumene (constituent)<br>98-82-8 | X |

| Chemical name | New Jersey |
|---|---|
| Isophorone<br>78-59-1 | X |
| Copper Phthalocyanine Compound | X |
| Titanium Dioxide<br>13463-67-7 | X |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | X |
| Naphthalene (constituent)<br>91-20-3 | X |

| | |
|---|---|
| Cumene (constituent)<br>98-82-8 | X |

| **Chemical name** | **Pennsylvania** |
|---|---|
| Isophorone<br>78-59-1 | X |
| Copper Phthalocyanine Compound | X |
| Titanium Dioxide<br>13463-67-7 | X |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | X |
| Naphthalene (constituent)<br>91-20-3 | X |
| Cumene (constituent)<br>98-82-8 | X |

**California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm

| **Chemical name** | **California Proposition 65** |
|---|---|
| Titanium Dioxide | Carcinogen |
| Naphthalene (constituent) | Carcinogen |
| Cumene (constituent) | Carcinogen |

*This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product*

## Canada

| **Chemical name** | **NPRI - National Pollutant Release Inventory** |
|---|---|
| Isophorone<br>78-59-1 | Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Solvent naphtha, petroleum, heavy aromatic<br>64742-94-5 | Part 5, Other Groups and Mixtures Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Ethyl 3-ethoxypropionate<br>763-69-9 | Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Copper Phthalocyanine Compound | Part 1, Group A Substance (total of the pure element and the equivalent weight of the element contained in any compound, alloy or mixture) |
| Solvent naphtha, petroleum, light aromatic<br>64742-95-6 | Part 5, Other Groups and Mixtures |
| 1,2,4-Trimethylbenzene (constituent)<br>95-63-6 | Part 1, Group A Substance; Part 5, Individual Substances Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Naphthalene (constituent)<br>91-20-3 | Part 1, Group A Substance Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| 1,3,5-Trimethylbenzene (constituent)<br>108-67-8 | Part 5, Isomer Groups (total of 1,2,3-Trimethylbenzene, CAS 526-73-8, and 1,3,5-Trimethylbenzene, CAS 108-67-8, excluding 1,2,4-Trimethylbenzene, CAS 95-63-6, listed under Trimethylbenzene (all isomers)) Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |
| Cumene (constituent)<br>98-82-8 | Part 1, Group A Substance Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999) |

## 16. OTHER INFORMATION

| **HMIS** | **Health hazards** | **Flammability** | **Reactivity** | **Personal Protection** |
|---|---|---|---|---|
| | 2 * | 2 | 0 | X |

## Key or legend to abbreviations and acronyms used in the safety data sheet

**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| | |
|---|---|
| TWA | TWA (time-weighted average) |
| STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value |

**ACGIH: (American Conference of Governmental Industrial Hygienists)**
A1 - Known Human Carcinogen
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen
**IARC: (International Agency for Research on Cancer)**
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
**NTP: (National Toxicity Program)**
Known - Known Carcinogen
Reasonably Anticipated to be a Human Carcinogen
**OSHA: (Occupational Safety & Health Administration)**
X - Present

**Revision Date** Jan-25-2023

**Pursuant to NOM-018-STPS-2015**
This information within is considered correct but is not exhaustive and will be used for guidance only, which is based on the current knowledge of the substance or mixture and is applicable to the appropriate safety precautions for the product.

**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**