



# SAFETY DATA SHEET

Revision Date 13-Apr-2020

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** RAW SIENNA STAIN

### Other means of identification

**Product Code** 17-630-025  
**UN/ID no** UN1263  
**SKU(s)** 17-630-025, 17-630-100, 17-630-500

### 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** Infotrac 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

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

|                                   |             |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 2  |
| Germ cell mutagenicity            | Category 1B |
| Carcinogenicity                   | Category 1A |
| Aspiration toxicity               | Category 1  |
| Flammable liquids                 | Category 3  |

### **Emergency Overview**

#### **Danger**

#### **Hazard statements**

Causes skin irritation  
Causes serious eye irritation  
May cause genetic defects  
May cause cancer  
May be fatal if swallowed and enters airways  
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  
 Wash face, hands and any exposed skin thoroughly after handling  
 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  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 If skin irritation 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 SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting  
 In case of fire: Use CO<sub>2</sub>, 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 in contact with skin
- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

Unknown acute toxicity                      0.35% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name                    | CAS No     | Weight-% | Trade Secret |
|----------------------------------|------------|----------|--------------|
| Aromatic 100                     | 64742-95-6 | 30 - 60  | *            |
| 1,2,4-Trimethylbenzene           | 95-63-6    | 10 - 30  | *            |
| Iron (III) oxide, as Fe          | 1309-37-1  | 7 - 13   | *            |
| Mineral Spirits                  | 64742-48-9 | 3 - 7    | *            |
| Talc (powder)                    | 14807-96-6 | 1 - 5    | *            |
| Stoddard Solvent                 | 8052-41-3  | 1 - 5    | *            |
| Solvent Naphtha, Light Aliphatic | 64742-89-8 | 1 - 5    | *            |
| Kaolin                           | 1332-58-7  | 1 - 5    | *            |

|                    |            |         |   |
|--------------------|------------|---------|---|
| Xylene             | 1330-20-7  | 1 - 5   | * |
| Crystalline Silica | 14808-60-7 | 0.1 - 1 | * |
| Ethyl Benzene      | 100-41-4   | 0.1 - 1 | * |
| Cumene             | 98-82-8    | 0.1 - 1 | * |
| Octane             | 111-65-9   | 0.1 - 1 | * |
| Heptane            | 142-82-5   | 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

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.                 |
| <b>Skin Contact</b> | Call a physician immediately.  |
| <b>Inhalation</b>   | Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.     |
| <b>Ingestion</b>    | Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention. |

##### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

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

**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. Use personal protective equipment as required.

##### Environmental precautions

**Environmental precautions** 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** 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** Avoid contact with skin, eyes or clothing.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Incompatible materials** Chlorinated compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical name                        | ACGIH TLV  | OSHA PEL  | NIOSH  |
|--------------------------------------|--|---|--|
| 1,2,4-Trimethylbenzene<br>95-63-6    | -  | -   | TWA: 25 ppm<br>TWA: 125 mg/m <sup>3</sup>  |
| Iron (III) oxide, as Fe<br>1309-37-1 | TWA: 5 mg/m <sup>3</sup> respirable particulate matter   | TWA: 10 mg/m <sup>3</sup> fume<br>TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated)<br>TWA: 10 mg/m <sup>3</sup> fume and total dust Iron oxide (vacated)<br>TWA: 5 mg/m <sup>3</sup> respirable fraction regulated under Rouge  | IDLH: 2500 mg/m <sup>3</sup> Fe dust and fume<br>TWA: 5 mg/m <sup>3</sup> Fe dust and fume                     |
| Talc (powder)<br>14807-96-6          | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or more; use Quartz limit   | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust |
| Stoddard Solvent<br>8052-41-3        | TWA: 100 ppm   | TWA: 500 ppm<br>TWA: 2900 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m <sup>3</sup>   | IDLH: 20000 mg/m <sup>3</sup><br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 350 mg/m <sup>3</sup>          |
| Kaolin<br>1332-58-7                  | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated)<br>TWA: 10 mg/m <sup>3</sup> total dust (vacated)<br>TWA: 5 mg/m <sup>3</sup> respirable fraction  | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust                               |
| Xylene<br>1330-20-7                  | STEL: 150 ppm<br>TWA: 100 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 655 mg/m <sup>3</sup>  | -  |
| Crystalline Silica<br>14808-60-7     | TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter   | TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated)<br>TWA: 0.1 mg/m <sup>3</sup> respirable dust<br>: (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction<br>: (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction | IDLH: 50 mg/m <sup>3</sup> respirable dust<br>TWA: 0.05 mg/m <sup>3</sup> respirable dust                      |
| Ethyl Benzene<br>100-41-4            | TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup>  | IDLH: 800 ppm<br>TWA: 100 ppm  |

|                     |                               |   |  |
|---------------------|-------------------------------|---|--|
|                     |                               | (vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m <sup>3</sup>  | TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup>   |
| Cumene<br>98-82-8   | TWA: 50 ppm                   | TWA: 50 ppm<br>TWA: 245 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 245 mg/m <sup>3</sup><br>(vacated) S*<br>S*  | IDLH: 900 ppm<br>TWA: 50 ppm<br>TWA: 245 mg/m <sup>3</sup>   |
| Octane<br>111-65-9  | TWA: 300 ppm                  | TWA: 500 ppm<br>TWA: 2350 mg/m <sup>3</sup><br>(vacated) TWA: 300 ppm<br>(vacated) TWA: 1450 mg/m <sup>3</sup><br>(vacated) STEL: 375 ppm<br>(vacated) STEL: 1800 mg/m <sup>3</sup> | IDLH: 1000 ppm<br>Ceiling: 385 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 75 ppm<br>TWA: 350 mg/m <sup>3</sup> |
| Heptane<br>142-82-5 | STEL: 500 ppm<br>TWA: 400 ppm | TWA: 500 ppm<br>TWA: 2000 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 1600 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 2000 mg/m <sup>3</sup> | IDLH: 750 ppm<br>Ceiling: 440 ppm 15 min<br>Ceiling: 1800 mg/m <sup>3</sup> 15 min<br>TWA: 85 ppm<br>TWA: 350 mg/m <sup>3</sup>  |

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** No special technical protective measures are necessary.
- 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** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                                       |                          |                         |                          |
|---------------------------------------|--------------------------|-------------------------|--------------------------|
| <b>Physical state</b>                 | Liquid                   | <b>Odor</b>             | No information available |
| <b>Appearance</b>                     | No information available | <b>Odor threshold</b>   | No information available |
| <b>Color</b>                          | No information available |                         |                          |
| <b>Property</b>                       | <b>Values</b>            | <b>Remarks • Method</b> |                          |
| <b>pH</b>                             | No information available |                         |                          |
| <b>Melting point / freezing point</b> | No information available |                         |                          |
| <b>Boiling point / boiling range</b>  | >= 64 °C / 148 °F        |                         |                          |
| <b>Flash point</b>                    | 32 °C / 90 °F            |                         |                          |
| <b>Evaporation rate</b>               | No information available |                         |                          |
| <b>Flammability (solid, gas)</b>      | No information available |                         |                          |
| <b>Flammability Limit in Air</b>      |                          |                         |                          |
| <b>Upper flammability limit:</b>      | No information available |                         |                          |
| <b>Lower flammability limit:</b>      | No information available |                         |                          |

|                              |                          |
|------------------------------|--------------------------|
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific Gravity             | 0.98                     |
| 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             | 8.18 lbs/gal             |
| Bulk density               | No information available |
| Percent solids by weight   | 24.7%                    |
| Percent volatile by weight | 75.2%                    |
| Percent solids by volume   | 13.2%                    |
| Actual VOC (lbs/gal)       | 6.2                      |
| Actual VOC (grams/liter)   | 737.3                    |
| EPA VOC (lbs/gal)          | 6.2                      |
| EPA VOC (grams/liter)      | 738.1                    |
| EPA VOC (lb/gal solids)    | 46.6                     |

## 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**

Chlorinated compounds.

**Hazardous decomposition products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | No data available. |

| Chemical name                                  | Oral LD50              | Dermal LD50  | Inhalation LC50  |
|--|------------------------|--|--|
| Aromatic 100<br>64742-95-6                     | = 8400 mg/kg ( Rat )   | > 2000 mg/kg ( Rabbit )                            | = 3400 ppm ( Rat ) 4 h   |
| 1,2,4-Trimethylbenzene<br>95-63-6              | = 3280 mg/kg ( Rat )   | > 3160 mg/kg ( Rabbit )                            | = 18 g/m <sup>3</sup> ( Rat ) 4 h  |
| Iron (III) oxide, as Fe<br>1309-37-1           | > 10000 mg/kg ( Rat )  | -  | -  |
| Mineral Spirits<br>64742-48-9                  | > 6000 mg/kg ( Rat )   | > 3160 mg/kg ( Rabbit )                            | > 8500 mg/m <sup>3</sup> ( Rat ) 4 h   |
| Talc (powder)<br>14807-96-6                    | = 55,000 mg/kg ( Rat ) | -  | -  |
| Stoddard Solvent<br>8052-41-3                  | > 5000 mg/kg ( Rat )   | > 3000 mg/kg ( Rabbit )                            | -  |
| Solvent Naphtha, Light Aliphatic<br>64742-89-8 | -                      | = 3000 mg/kg ( Rabbit )                            | -  |
| Kaolin<br>1332-58-7                            | > 5000 mg/kg ( Rat )   | > 5000 mg/kg ( Rat )                               | -  |
| Xylene<br>1330-20-7                            | = 3500 mg/kg ( Rat )   | > 1700 mg/kg ( Rabbit ) > 4350<br>mg/kg ( Rabbit ) | = 29.08 mg/L ( Rat ) 4 h = 5000<br>ppm ( Rat ) 4 h                                     |
| Crystalline Silica<br>14808-60-7               | > 22,500 mg/kg ( Rat ) | -  | -  |
| Ethyl Benzene<br>100-41-4                      | = 3500 mg/kg ( Rat )   | = 15400 mg/kg ( Rabbit )                           | = 17.4 mg/L ( Rat ) 4 h  |
| Cumene<br>98-82-8                              | = 1400 mg/kg ( Rat )   | = 12300 µL/kg ( Rabbit )                           | = 39000 mg/m <sup>3</sup> ( Rat ) 4 h > 3577<br>ppm ( Rat ) 6 h                        |
| Octane<br>111-65-9                             | -                      | -  | = 118 g/m <sup>3</sup> ( Rat ) 4 h = 25260 ppm<br>( Rat ) 4 h > 23.36 mg/L ( Rat ) 4 h |
| Heptane<br>142-82-5                            | -                      | = 3000 mg/kg ( Rabbit )                            | = 103 g/m <sup>3</sup> ( Rat ) 4 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 |
|--------------------------------------|-------|----------|------------------------|------|
| Iron (III) oxide, as Fe<br>1309-37-1 | -     | Group 3  | -                      | -    |
| Talc (powder)<br>14807-96-6          | -     | Group 3  | -                      | X    |
| Xylene<br>1330-20-7                  | -     | Group 3  | -                      | -    |
| Crystalline Silica<br>14808-60-7     | A2    | Group 1  | Known                  | X    |
| Ethyl Benzene<br>100-41-4            | A3    | Group 2B | -                      | X    |
| Cumene<br>98-82-8                    | -     | Group 2B | Reasonably Anticipated | X    |

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Known - Known Carcinogen

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** No information available.

**STOT - single exposure** No information available.

|                                 |  |
|---------------------------------|--|
| <b>STOT - repeated exposure</b> | No information available.  |
| <b>Chronic toxicity</b>         | 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. |
| <b>Target organ effects</b>     | blood, Central nervous system, Central Vascular System (CVS), Eyes, kidney, Respiratory system, Skin.  |
| <b>Aspiration hazard</b>        | 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

6.94% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name                                  | Algae/aquatic plants   | Fish  | Crustacea   |
|--|--|---|---|
| Aromatic 100<br>64742-95-6                     | -  | 9.22: 96 h Oncorhynchus mykiss mg/L LC50  | 6.14: 48 h Daphnia magna mg/L EC50  |
| 1,2,4-Trimethylbenzene<br>95-63-6              | -  | 7.19 - 8.28: 96 h Pimephales promelas mg/L LC50 flow-through  | 6.14: 48 h Daphnia magna mg/L EC50  |
| Iron (III) oxide, as Fe<br>1309-37-1           | -  | 100000: 96 h Danio rerio mg/L LC50 static   | -   |
| Mineral Spirits<br>64742-48-9                  | -  | 2200: 96 h Pimephales promelas mg/L LC50  | 2.6: 96 h Chaetogammarus marinus mg/L LC50  |
| Talc (powder)<br>14807-96-6                    | -  | 100: 96 h Brachydanio rerio g/L LC50 semi-static  | -   |
| Solvent Naphtha, Light Aliphatic<br>64742-89-8 | 4700: 72 h Pseudokirchneriella subcapitata mg/L EC50   | -   | -   |
| Xylene<br>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<br>0.6: 48 h Gammarus lacustris mg/L LC50         |
| Ethyl Benzene<br>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   |
| Cumene<br>98-82-8                              | 2.6: 72 h Pseudokirchneriella subcapitata mg/L EC50  | 6.04 - 6.61: 96 h Pimephales promelas mg/L LC50 flow-through 4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 2.7: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 5.1: 96 h Poecilia reticulata mg/L LC50 semi-static   | 7.9 - 14.1: 48 h Daphnia magna mg/L EC50 Static 0.6: 48 h Daphnia magna mg/L EC50 |



|                     |   |                                    |                                  |
|---------------------|---|------------------------------------|----------------------------------|
| Octane<br>111-65-9  | - | -                                  | 0.38: 48 h water flea mg/L EC50  |
| Heptane<br>142-82-5 | - | 375.0: 96 h Cichlid fish mg/L LC50 | 10: 24 h Daphnia magna mg/L EC50 |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical name                     | Partition coefficient |
|-----------------------------------|-----------------------|
| 1,2,4-Trimethylbenzene<br>95-63-6 | 3.63                  |
| Xylene<br>1330-20-7               | 2.77 - 3.15           |
| Ethyl Benzene<br>100-41-4         | 3.2                   |
| Cumene<br>98-82-8                 | 3.7                   |
| Octane<br>111-65-9                | 5.18                  |
| Heptane<br>142-82-5               | 4.66                  |

**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 U055 U154 U220 U239

| Chemical name             | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------------------|------|-----------------------------------|------------------------|------------------------|
| Xylene<br>1330-20-7       | -    | Included in waste stream:<br>F039 | -                      | U239                   |
| Ethyl Benzene<br>100-41-4 | -    | Included in waste stream:<br>F039 | -                      | -                      |
| Cumene<br>98-82-8         | -    | -                                 | -                      | U055                   |

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<br>1330-20-7       | Toxic<br>Ignitable                |
| Ethyl Benzene<br>100-41-4 | Toxic<br>Ignitable                |
| Cumene<br>98-82-8         | Toxic<br>Ignitable                |
| Octane<br>111-65-9        | Toxic<br>Ignitable                |
| Heptane<br>142-82-5       | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION**

**DOT**

|                                 |                             |
|---------------------------------|-----------------------------|
| UN/ID no                        | UN1263                      |
| Proper shipping name            | Paint                       |
| Hazard class                    | 3                           |
| Packing Group                   | III                         |
| Reportable Quantity (RQ)        | (Xylene: RQ (kg)= 45.40)    |
| Special Provisions              | B1, B52, IB3, T2, TP1, TP29 |
| Description                     | UN1263, Paint, 3, III       |
| Emergency Response Guide Number | 128                         |

**TDG**

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

**MEX**

|                      |                       |
|----------------------|-----------------------|
| UN/ID no             | UN1263                |
| Proper shipping name | Paint                 |
| Hazard class         | 3                     |
| Special Provisions   | 163, 223              |
| Packing Group        | III                   |
| Description          | UN1263, Paint, 3, III |

**ICAO (air)**

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

**IATA**

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

**IMDG**

|                            |                                    |
|----------------------------|------------------------------------|
| UN Number                  | UN1263                             |
| Transport hazard class(es) | 3                                  |
| Packing Group              | III                                |
| EmS-No                     | F-E, S-E                           |
| Special Provisions         | 163, 223, 955                      |
| Description                | UN1263, Paint, 3, III, (32°C c.c.) |

**RID**

|                            |                       |
|----------------------------|-----------------------|
| UN/ID no                   | UN1263                |
| Proper shipping name       | Paint                 |
| Transport hazard class(es) | 3                     |
| Packing Group              | III                   |
| Classification code        | F1                    |
| Special Provisions         | 163, 640E, 650        |
| Description                | UN1263, Paint, 3, III |
| Labels                     | 3                     |

**ADR**

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

**ADN**

Proper shipping name Paint  
 Transport hazard class(es) 3  
 Packing Group III  
 Classification code F1  
 Special Provisions 163, 640E, 650  
 Description UN1263, Paint, 3, III  
 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 % |
|------------------------|-------------------------------|
| 1,2,4-Trimethylbenzene | 1.0                           |
| Xylene                 | 1.0                           |
| Ethyl Benzene          | 0.1                           |
| Cumene                 | 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<br>1330-20-7       | 100 lb                      | -                      | -                         | X                          |
| Ethyl Benzene<br>100-41-4 | 1000 lb                     | X                      | 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<br>1330-20-7       | 100 lb                   | -              | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ  |
| Ethyl Benzene<br>100-41-4 | 1000 lb                  | -              | RQ 1000 lb final RQ<br>RQ 454 kg final RQ  |
| Cumene<br>98-82-8         | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical name                       | California Proposition 65 |
|-------------------------------------|---------------------------|
| Crystalline Silica - 14808-60-7     | Carcinogen                |
| Ethyl Benzene - 100-41-4            | Carcinogen                |
| Cumene - 98-82-8                    | Carcinogen                |
| Hansa Orange (Orange 5) - 3468-63-1 | Carcinogen                |
| Methanol - 67-56-1                  | Developmental             |
| Toluene - 108-88-3                  | Developmental             |

**U.S. State Right-to-Know Regulations**

| Chemical name                             | New Jersey | Massachusetts |
|---|------------|---------------|
| 1,2,4-Trimethylbenzene<br>95-63-6         | X          | X             |
| Iron (III) oxide, as Fe<br>1309-37-1      | X          | X             |
| Talc (powder)<br>14807-96-6               | X          | X             |
| Stoddard Solvent<br>8052-41-3             | X          | X             |
| Kaolin<br>1332-58-7                       | X          | X             |
| Xylene<br>1330-20-7                       | X          | X             |
| Crystalline Silica<br>14808-60-7          | X          | X             |
| Ethyl Benzene<br>100-41-4                 | X          | X             |
| Cumene<br>98-82-8                         | X          | X             |
| Propylene Glycol Methyl Ether<br>107-98-2 | X          | X             |
| Octane<br>111-65-9                        | X          | X             |
| Heptane<br>142-82-5                       | X          | X             |

| Chemical name                        | Pennsylvania |
|--------------------------------------|--------------|
| 1,2,4-Trimethylbenzene<br>95-63-6    | X            |
| Iron (III) oxide, as Fe<br>1309-37-1 | X            |
| Talc (powder)<br>14807-96-6          | X            |
| Stoddard Solvent<br>8052-41-3        | X            |
| Kaolin<br>1332-58-7                  | X            |
| Xylene<br>1330-20-7                  | 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<br>1330-20-7 | 1.25%                       | 0.10                      |

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

|                                   |                                  |                |                    |                                    |
|-----------------------------------|----------------------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b>                       | Health hazards 2                 | Flammability 3 | Instability 0      | Physical and chemical properties - |
| <b>HMIS</b>                       | Health hazards 2 *               | Flammability 3 | Physical hazards 0 | Personal protection X              |
| <i>Chronic Hazard Star Legend</i> | <i>* = Chronic Health Hazard</i> |                |                    |                                    |

**Revision Date** 13-Apr-2020

**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**