



# SAFETY DATA SHEET

Issuing Date 22-Jul-2014

Revision Date 30-Mar-2016

Revision Number 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Cross Check™ (All Colors)

### Other means of identification

**Part Number** 83314 (Orange), 83315 (Green), 83316 (Red), 83317 (Yellow), 83318 (Blue), 83319 (White), 83320 (Pink), 83321 (Gray)

**Formula Code** A498M (Orange), A991M (Green), A992M (Red), A993M (Yellow), A994M (Blue), B095M (White), B100M (Pink), B101M (Gray)

**UN-Number** UN1993

**Synonyms** None

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

**Recommended Use** Inspection Paint

**Uses advised against** No information available

### Supplier's details

**Supplier Address**  
ITW PRO BRANDS  
805 E. Old 56 Highway  
Olathe, KS 66061  
TEL: 1-800-443-9536

### Emergency telephone number

**Emergency Telephone Number** 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION


### Classification

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

|  |             |
|--|-------------|
| Serious Eye Damage/Eye Irritation                  | Category 2A |
| Skin Sensitization                                 | Category 1  |
| Germ Cell Mutagenicity                             | Category 1B |
| Carcinogenicity                                    | Category 1B |
| Reproductive Toxicity                              | Category 1B |
| Specific Target Organ Toxicity (Repeated Exposure) | Category 1  |

|                     |            |
|---------------------|------------|
| Aspiration Toxicity | Category 1 |
| Flammable liquids   | Category 3 |

**GHS Label elements, including precautionary statements****Emergency Overview**

|   |                                       |
|---|---------------------------------------|
| <b>Signal Word</b>  | <b>Danger</b>                         |
| <b>Hazard Statements</b>  |                                       |
| <ul style="list-style-type: none"> <li>• Causes serious eye irritation</li> <li>• May cause an allergic skin reaction</li> <li>• May cause genetic defects</li> <li>• May cause cancer</li> <li>• May damage fertility or the unborn child</li> <li>• Causes damage to organs through prolonged or repeated exposure</li> <li>• May be fatal if swallowed and enters airways</li> <li>•</li> <li>• Flammable liquid and vapor.</li> </ul> |                                       |
|    |                                       |
| <b>Appearance</b> Opaque, Varies.   | <b>Physical State</b> Viscous liquid. |
|   | <b>Odor</b> Mild.                     |

**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.
- Contaminated work clothing should not be allowed out of the workplace.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Do not eat, drink or smoke when using this product.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- If exposed or concerned: Get medical attention/advice
- Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

- 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.

**Skin**

- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion**

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.

**Fire**

- In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Storage**

- Store locked up.
- Store in a well-ventilated place. Keep cool.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

Harmful to aquatic life with long lasting effects.

71.57% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                 | CAS-No     | Weight % | Trade secret |
|---|------------|----------|--------------|
| Solvent naphtha (petroleum), medium aliphatic | 64742-88-7 | 30-60    | *            |
| Titanium dioxide                              | 13463-67-7 | 10-30    | *            |
| Manganese                                     | 7439-96-5  | 5-10     | *            |
| Ci 15865                                      | 5280-66-0  | 5-10     | *            |
| Silicon dioxide                               | 7631-86-9  | 1-5      | *            |
| Petroleum distillates, hydrotreated light     | 64742-47-8 | 1-5      | *            |
| Aluminum hydroxide                            | 21645-51-2 | 1-5      | *            |
| Methyl ethyl ketoxime                         | 96-29-7    | 1-5      | *            |
| Kaolin  | 1332-58-7  | 1-5      | *            |
| Diacetone alcohol                             | 123-42-2   | 1-5      | *            |
| Ethylbenzene                                  | 100-41-4   | 0.1-1    | *            |
| Carbon black                                  | 1333-86-4  | 0.1-1    | *            |
| Methyl-2-benzimidazole carbamate              | 10605-21-7 | 0.1-1    | *            |
| Stoddard solvent                              | 8052-41-3  | 0.1-1    | *            |

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

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures****General Advice**

Immediate medical attention is required. 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. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Move to fresh air. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Rinse mouth. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Aspiration hazard if swallowed - can enter lungs and cause damage.

**Protection of First-aiders** Remove all sources of ignition.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** May cause allergic skin reaction. Eye irritation/reactions. Aspiration into lungs can produce severe lung damage.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** May cause sensitization of susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water fog. Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media** No information available.

**Specific Hazards Arising from the Chemical**

Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

**Explosion Data**

**Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

Yes.

**Protective Equipment and Precautions for Firefighters**

Cool closed containers exposed to fire with water spray. 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. Take precautionary measures against static discharges. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Stop leak if you can do it without risk.

**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 materials for containment and cleaning up**

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

**Methods for Cleaning Up** Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Avoid contact with skin, eyes and clothing. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof.

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

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

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong reducing agents. Strong alkalis.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Control parameters**

#### **Exposure Guidelines**

| Chemical Name   | ACGIH TLV   | OSHA PEL   | NIOSH IDLH  |
|---|---|--|---|
| Titanium dioxide<br>13463-67-7                          | TWA: 10 mg/m <sup>3</sup>   | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust   | IDLH: 5000 mg/m <sup>3</sup>  |
| Ci 15865<br>5280-66-0                                   | -   | (vacated) Ceiling: 5 mg/m <sup>3</sup><br>Ceiling: 5 mg/m <sup>3</sup> Mn  | IDLH: 500 mg/m <sup>3</sup> Mn<br>TWA: 1 mg/m <sup>3</sup> Mn<br>STEL: 3 mg/m <sup>3</sup> Mn               |
| Manganese<br>7439-96-5                                  | TWA: 0.2 mg/m <sup>3</sup>  | (vacated) TWA: 1 mg/m <sup>3</sup> fume<br>(vacated) STEL: 3 mg/m <sup>3</sup> fume<br>(vacated) Ceiling: 5 mg/m <sup>3</sup><br>Ceiling: 5 mg/m <sup>3</sup> fume                               | IDLH: 500 mg/m <sup>3</sup><br>TWA: 1 mg/m <sup>3</sup> fume<br>STEL: 3 mg/m <sup>3</sup>                   |
| Petroleum distillates, hydrotreated light<br>64742-47-8 | TWA: 5 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup><br>(as oil mist) | TWA: 5 mg/m <sup>3</sup><br>(as oil mist)  | -   |
| Aluminum hydroxide<br>21645-51-2                        | TWA: 1 mg/m <sup>3</sup> respirable fraction                            | -  | -   |
| Kaolin<br>1332-58-7                                     | -   | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust<br>(vacated) 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                            |
| Diacetone alcohol<br>123-42-2                           | TWA: 50 ppm   | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 240 mg/m <sup>3</sup>   | IDLH: 1800 ppm<br>TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup>   |
| Ethylbenzene<br>100-41-4                                | TWA: 20 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>                 | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup> |
| 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>       |

*Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:*

**Other Exposure Guidelines** 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 Measures**  
Showers  
Eyewash stations  
Ventilation systems

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

**Eye/Face Protection** Goggles.  
**Skin and Body Protection** Chemical resistant gloves. Risk of contact: Apron. Boots.  
**Respiratory Protection** No special protective equipment required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                       |                 |                       |                           |
|-----------------------|-----------------|-----------------------|---------------------------|
| <b>Physical State</b> | Viscous liquid. | <b>Appearance</b>     | Opaque, Varies.           |
| <b>Odor</b>           | Mild.           | <b>Odor Threshold</b> | No information available. |

| <u>Property</u>                               | <u>Values</u>                | <u>Remarks/ - Method</u> |
|---|------------------------------|--------------------------|
| <b>pH</b>                                     | No data available            | None known               |
| <b>Melting Point/Range</b>                    | No data available            | None known               |
| <b>Boiling Point/Boiling Range</b>            | 136.1-251.7 °C / 277- 485 °F | None known               |
| <b>Flash Point</b>                            | 40.6 °C / 105 °F             | None known               |
| <b>Evaporation rate</b>                       | < 1 (BuAc = 1)               | None known               |
| <b>Flammability (solid, gas)</b>              | No data available            | None known               |
| <b>Flammability Limits in Air</b>             |                              |                          |
| upper flammability limit                      | 7.0                          |                          |
| lower flammability limit                      | 1.10                         |                          |
| <b>Vapor Pressure</b>                         | No data available            | None known               |
| <b>Vapor Density</b>                          | > 1 (air = 1)                | None known               |
| <b>Specific Gravity</b>                       | No data available            | None known               |
| <b>Water Solubility</b>                       | Negligible                   | None known               |
| <b>Solubility in other solvents</b>           | No data available            | None known               |
| <b>Partition coefficient: n-octanol/water</b> | No data available            | None known               |
| <b>Autoignition Temperature</b>               | No data available            | None known               |
| <b>Decomposition Temperature</b>              | No data available            | None known               |
| <b>Viscosity</b>                              | No data available            | None known               |

**Flammable Properties** Flammable; may be ignited by heat, sparks or flames.

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

**Other information**

|                        |   |
|------------------------|---|
| <b>VOC Content (%)</b> | A498M Orange: 42.28%<br>A991M Green: 38.74%<br>A992M Red: 39.94%<br>A993M Yellow: 40.08%<br>A994M Blue: 37.62%<br>B095M White: 30.83%<br>B100M Pink: 30.83%<br>B101M Gray: 30.83%         |
| <b>VOC (g/l)</b>       | A498M Orange: 430 g/L<br>A991M Green: 377 g/L<br>A992M Red: 385 g/L<br>A993M Yellow: 374 g/L<br>A994M Blue: 364 g/L<br>B095M White: 384 g/L<br>B100M Pink: 384 g/L<br>B101M Gray: 384 g/L |

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks. Incompatible products.

### Incompatible materials

Strong oxidizing agents. Strong acids. Strong reducing agents. Strong alkalis.

### Hazardous decomposition products

Carbon oxides. Smoke Soot.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

##### **Inhalation**

Inhalation of vapors in high concentration may cause irritation of respiratory system.

##### **Eye Contact**

Causes serious eye irritation.

##### **Skin Contact**

May cause irritation. May cause allergic skin reaction

##### **Ingestion**

Ingestion may cause nausea and vomiting. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

| Chemical Name                                 | LD50 Oral             | LD50 Dermal                                 | LC50 Inhalation         |
|---|-----------------------|---|-------------------------|
| Solvent naphtha (petroleum), medium aliphatic | > 5000 mg/kg ( Rat )  | = 3000 mg/kg ( Rabbit )                     | > 5.28 mg/L ( Rat ) 4 h |
| Titanium dioxide                              | > 10000 mg/kg ( Rat ) | -   | -                       |
| Manganese                                     | = 9 g/kg ( Rat )      | -   | -                       |
| Silicon dioxide                               | > 5000 mg/kg ( Rat )  | > 2000 mg/kg ( Rabbit )                     | >2.2 mg/L ( Rat ) 4 h   |
| Petroleum distillates, hydrotreated light     | > 5000 mg/kg ( Rat )  | > 2000 mg/kg ( Rabbit )                     | > 5.2 mg/L ( Rat ) 4 h  |
| Propylene glycol monomethyl ether acetate     | = 8532 mg/kg ( Rat )  | > 5000 mg/kg ( Rabbit )                     | 5321 mg/m <sup>3</sup>  |
| Aluminum hydroxide                            | > 5000 mg/kg ( Rat )  | -   | -                       |
| Methyl ethyl ketoxime                         | = 930 mg/kg ( Rat )   | = 0.2 mg/kg ( Rabbit )                      | = 20 mg/L ( Rat ) 4 h   |
| Diacetone alcohol                             | = 4 g/kg ( Rat )      | = 13500 mg/kg ( Rabbit )                    | -                       |
| Ethylbenzene                                  | = 3500 mg/kg ( Rat )  | = 15400 mg/kg ( Rabbit )                    | = 17.2 mg/L ( Rat ) 4 h |
| Methyl-2-benzimidazole carbamate              | = 6400 mg/kg ( Rat )  | = 8500 mg/kg ( Rabbit )<br>= 2 g/kg ( Rat ) | -                       |

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

#### Symptoms

No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** May cause sensitization of susceptible persons. May cause sensitization by skin contact.  
**Mutagenic Effects** Contains a known or suspected mutagen. May cause genetic defects.  
**Carcinogenicity** Contains a known or suspected carcinogen. May cause cancer. The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name    | ACGIH | IARC     | NTP | OSHA |
|------------------|-------|----------|-----|------|
| Titanium dioxide |       | Group 2B | -   | -    |
| Silicon dioxide  |       | Group 3  |     |      |
| Ethylbenzene     | A3    | Group 2B | -   | -    |
| Carbon black     | A3    | Group 2B | -   | X    |

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

**OSHA: (Occupational Safety & Health Administration)**

X - Present

**Reproductive Toxicity** Contains a known or suspected reproductive toxin. May damage fertility or the unborn child  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.  
**Chronic Toxicity** Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons. 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 liver effects. Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS).  
**Target Organ Effects** Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS).  
**Aspiration Hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product****Acute Toxicity** 71.57% of the mixture consists of ingredient(s) of unknown toxicity.*The following values are calculated based on chapter 3.1 of the GHS document:***LD50 Oral** 7269 mg/kg; Acute toxicity estimate**LD50 Dermal** 5845 mg/kg; Acute toxicity estimate**Inhalation****dust/mist** 678 mg/L; Acute toxicity estimate mg/L**12. ECOLOGICAL INFORMATION**

This product contains a chemical which is listed as a marine pollutant according to DOT.

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

| Chemical Name  | Toxicity to Algae                                       | Toxicity to Fish  | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                          |
|--|---|---|----------------------------|---|
| Solvent naphtha (petroleum), medium aliphatic 64742-88-7 | EC50 96 h: = 450 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: = 800 mg/L static (Pimephales promelas)  |                            | EC50 48 h: > 100 mg/L (Daphnia magna)               |
| Silicon dioxide 7631-86-9                                | EC50 72 h: = 440 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: = 5000 mg/L static (Brachydanio rerio)   |                            | EC50 48 h: = 7600 mg/L (Ceriodaphnia dubia)         |
| Petroleum distillates, hydrotreated light 64742-47-8     |   | LC50 96 h: = 45 mg/L flow-through (Pimephales promelas) LC50 96 h: = 2.2 mg/L static (Lepomis macrochirus) LC50 96 h: = 2.4 mg/L static (Oncorhynchus mykiss) |                            | LC50 96 h: = 4720 mg/L (Den-dronereides heteropoda) |



|   |   |  |  |   |
|---|---|--|--|---|
| Propylene glycol monomethyl ether acetate<br>108-65-6 |   | LC50 96 h: = 161 mg/L static (Pimephales promelas)   |  | EC50 48 h: > 500 mg/L (Daphnia magna)     |
| Methyl ethyl ketoxime<br>96-29-7                      | EC50 72 h: = 83 mg/L (Desmodesmus subspicatus)  | LC50 96 h: 777 - 914 mg/L flow-through (Pimephales promelas) LC50 96 h: = 760 mg/L static (Poecilia reticulata) LC50 96 h: 320 - 1000 mg/L static (Leuciscus idus)   | EC50 = 281 mg/L 17 h<br>EC50 = 950 mg/L 5 min  | EC50 48 h: = 750 mg/L (Daphnia magna)     |
| Diacetone alcohol<br>123-42-2                         |   | LC50 96 h: = 420 mg/L static (Lepomis macrochirus) LC50 96 h: = 420 mg/L (Lepomis macrochirus)   |  | EC50 24 h: = 8750 mg/L (Daphnia magna)    |
| Ethylbenzene<br>100-41-4                              | EC50 72 h: = 4.6 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: > 438 mg/L (Pseudokirchneriella subcapitata) EC50 72 h: 2.6 - 11.3 mg/L static (Pseudokirchneriella subcapitata) EC50 96 h: 1.7 - 7.6 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: = 11 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: 11.0 - 18.0 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 4.2 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: 7.55 - 11 mg/L flow-through (Pimephales promelas) LC50 96 h: = 32 mg/L static (Lepomis macrochirus) LC50 96 h: 9.1 - 15.6 mg/L static (Pimephales promelas) LC50 96 h: = 9.6 mg/L static (Poecilia reticulata) | EC50 = 9.68 mg/L 30 min<br>EC50 = 96 mg/L 24 h | EC50 48 h: 1.8 - 2.4 mg/L (Daphnia magna) |

**Persistence and Degradability** No information available.

#### Bioaccumulation

| Chemical Name         | Log Pow |
|-----------------------|---------|
| Methyl ethyl ketoxime | 0.65    |
| Diacetone alcohol     | 1.03    |
| Ethylbenzene          | 3.118   |

#### Other Adverse Effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

| Chemical Name                                 | RCRA | RCRA - Basis for Listing              | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---|------|---------------------------------------|------------------------|------------------------|
| Ethylbenzene - 100-41-4                       |      | Included in waste stream: F039        |                        |                        |
| Methyl-2-benzimidazole carbamate - 10605-21-7 | U372 | Included in waste streams: K156, K158 |                        | U372                   |

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

| Chemical Name | California Hazardous Waste |
|---------------|----------------------------|
| Manganese     | Ignitable powder           |
| Ethylbenzene  | Toxic<br>Ignitable         |

### 14. TRANSPORT INFORMATION

#### DOT

**UN-Number** UN1993  
**Proper shipping name** Flammable liquids, n.o.s.  
**Hazard Class** 3  
**Packing Group** III

|  |   |
|--|---|
| <b>Marine Pollutant Description</b>    | This product contains a chemical which is listed as a marine pollutant according to DOT. UN1993, Flammable liquids, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III |
| <b>Emergency Response Guide Number</b> | 128   |
| <b><u>TDG</u></b>                      |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper Shipping Name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>Description</b>                     | UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III   |
| <b><u>MEX</u></b>                      |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper Shipping Name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>Description</b>                     | UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III   |
| <b><u>ICAO</u></b>                     |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper shipping name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>Description</b>                     | UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III   |
| <b><u>IATA</u></b>                     |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper Shipping Name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>ERG Code</b>                        | 3L  |
| <b>Description</b>                     | UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III   |
| <b><u>IMDG/IMO</u></b>                 |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper Shipping Name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>EmS No.</b>                         | F-E, S-E  |
| <b>Description</b>                     | UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III, (40.6°C c.c.)  |
| <b><u>RID</u></b>                      |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper Shipping Name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>Classification Code</b>             | F1  |
| <b>Description</b>                     | UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III   |
| <b><u>ADR</u></b>                      |   |
| <b>UN-Number</b>                       | UN1993  |
| <b>Proper Shipping Name</b>            | Flammable liquid, n.o.s.  |
| <b>Hazard Class</b>                    | 3   |
| <b>Packing Group</b>                   | III   |
| <b>Classification Code</b>             | F1  |
| <b>Tunnel Restriction Code</b>         | (D/E)   |

**Description** UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III, (D/E)

**ADN**

**Proper Shipping Name** Flammable liquid, n.o.s.  
**Hazard Class** 3  
**Packing Group** III  
**Classification Code** F1  
**Special Provisions** 274, 601, 640E  
**Description** UN1993, Flammable liquid, n.o.s. (Solvent naphtha (petroleum), medium aliphatic, Petroleum distillates, hydrotreated light), 3, III  
**Limited Quantity** 5 L  
**Ventilation** VE01

## 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Complies  
**DSL** Not determined

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

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 % |
|---------------|-----------|----------|-------------------------------|
| Ci 15865      | 5280-66-0 | 0-10     | 1.0                           |
| Manganese     | 7439-96-5 | 0-10     | 1.0                           |
| Ethylbenzene  | 100-41-4  | < 1      | 0.1                           |

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes  
**Fire Hazard** Yes  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

**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 |
|---------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Ethylbenzene  | 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 | Extremely Hazardous Substances RQs | RQ  |
|----------------------------------|--------------------------|------------------------------------|---|
| Ethylbenzene                     | 1000 lb                  |                                    | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |
| Methyl-2-benzimidazole carbamate | 10 lb                    |                                    | RQ 10 lb final RQ<br>RQ 4.54 kg final RQ  |

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name    | CAS-No     | California Prop. 65 |
|------------------|------------|---------------------|
| Titanium dioxide | 13463-67-7 | Carcinogen          |

|                      |            |               |
|----------------------|------------|---------------|
| Ethylbenzene         | 100-41-4   | Carcinogen    |
| Carbon black         | 1333-86-4  | Carcinogen    |
| Formaldehyde         | 50-00-0    | Carcinogen    |
| Toluene              | 108-88-3   | Developmental |
| Cumene               | 98-82-8    | Carcinogen    |
| 2-Ethylhexanoic acid | 149-57-5   | Developmental |
| Quartz               | 14808-60-7 | Carcinogen    |

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

"X" designates that the ingredients are listed on the state right to know list.

| Chemical Name                                 | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|---|------------|---------------|--------------|----------|--------------|
| Solvent naphtha (petroleum), medium aliphatic | X          |               |              |          |              |
| Titanium dioxide                              |            | X             |              |          | X            |
| Ci 15865                                      |            |               | X            | X        |              |
| Manganese                                     | X          | X             | X            | X        | X            |
| Silicon dioxide                               | X          | X             | X            |          |              |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

### 16. OTHER INFORMATION

|             |                  |                |                   |  |
|-------------|------------------|----------------|-------------------|--|
| <b>NFPA</b> | Health Hazard 2  | Flammability 2 | Instability 0     | Physical and Chemical Hazards -<br>Personal Protection X |
| <b>HMIS</b> | Health Hazard 2* | Flammability 2 | Physical Hazard 0 |  |

\*Indicates a chronic health hazard.

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**Issuing Date** 22-Jul-2014  
**Revision Date** 30-Mar-2016  
**Revision Note** Change to composition.

### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**