

# SAFETY DATA SHEET



**PROSOCO**  
Revision Number 3.03

Issuing Date 18-Dec-2014

Revision date 28-Feb-2025

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

### Product identifier

**Product Name** Consolideck® GemTone Stain Serpentine

### Other means of identification

**Product Code(s)** 46126

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

**Recommended use** Restricted to professional users.

**Uses advised against** No information available

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

#### **Manufacturer Address**

PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, Kansas 66046

#### **Emergency telephone number**

**8:00 AM – 5:00 PM CST Monday-Friday** 785-865-4200  
**NON-BUSINESS HOURS (INFOTRAC)** 800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification

|                                   |             |
|-----------------------------------|-------------|
| Serious eye damage/eye irritation | Category 2A |
|-----------------------------------|-------------|

### Label elements

#### **Emergency Overview**

#### **Warning**

#### **Hazard statements**

Causes serious eye irritation



**Appearance** colored Liquid

**Physical state** Liquid

**Odor** Slight

#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

#### **Precautionary Statements - Response**

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

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

- May be harmful if swallowed
- May be harmful in contact with skin
- Causes mild skin irritation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical name                     | CAS No.     | Weight-% | Trade Secret |
|-----------------------------------|-------------|----------|--------------|
| Diethylene glycol monobutyl ether | 112-34-5    | 60 - 100 | *            |
| Benzyl Alcohol                    | 100-51-6    | 3 - 7    | *            |
| Organic Chrome Complex            | Proprietary | 1 - 5    | *            |
| Yellow Solvent Dye                | Proprietary | 1 - 5    | *            |
| Proprietary - Blue Colorant       | Undisclosed | 1 - 5    | *            |
| Organic Chrome Complex            | Proprietary | 1 - 5    | *            |
| Organic Chrome Complex            | Proprietary | 1 - 5    | *            |

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

**4. FIRST AID MEASURES****Description of first aid measures**

|                                           |                                                                                                                                                                                                                   |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                     | If symptoms persist, call a physician.                                                                                                                                                                            |
| <b>Eye contact</b>                        | 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. |
| <b>Skin Contact</b>                       | Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.                                                         |
| <b>Inhalation</b>                         | Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.                                                                                                              |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Drink plenty of water. Call a physician.                                                                              |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.                                                                                                                                                                    |

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

**Symptoms** Causes serious eye irritation. May cause skin irritation.

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

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use. Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Unsuitable Extinguishing Media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**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** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. 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** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

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

**Storage Conditions** Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

**Incompatible materials** Incompatible with oxidizing agents. Incompatible with strong acids and bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical name                                 | ACGIH TLV                                   | OSHA PEL                                                                 | NIOSH IDLH                                                          |
|-----------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------|
| Diethylene glycol monobutyl ether<br>112-34-5 | TWA: 10 ppm inhalable fraction<br>and vapor |                                                                          |                                                                     |
| Organic Chrome Complex                        |                                             | TWA: 0.5 mg/m <sup>3</sup> Cr<br>(vacated) TWA: 0.5 mg/m <sup>3</sup> Cr | IDLH: 25 mg/m <sup>3</sup> Cr(III)<br>TWA: 0.5 mg/m <sup>3</sup> Cr |
| Organic Chrome Complex                        |                                             | TWA: 0.5 mg/m <sup>3</sup> Cr<br>(vacated) TWA: 0.5 mg/m <sup>3</sup> Cr | IDLH: 25 mg/m <sup>3</sup> Cr(III)<br>TWA: 0.5 mg/m <sup>3</sup> Cr |
| Organic Chrome Complex                        |                                             | TWA: 0.5 mg/m <sup>3</sup> Cr<br>(vacated) TWA: 0.5 mg/m <sup>3</sup> Cr | IDLH: 25 mg/m <sup>3</sup> Cr(III)<br>TWA: 0.5 mg/m <sup>3</sup> Cr |

NIOSH IDLH *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** None under normal use conditions.

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

|                                 |                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>      | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                                                                                     |
| <b>Skin and body protection</b> | Wear protective gloves and protective clothing.                                                                                                                                                                                                                                                                         |
| <b>Respiratory protection</b>   | 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. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                          |                          |                                |                          |
|------------------------------------------|--------------------------|--------------------------------|--------------------------|
| <b>Physical state</b>                    | Liquid                   | <b>Odor</b>                    | Slight                   |
| <b>Appearance</b>                        | colored Liquid           | <b>Odor threshold</b>          | No information available |
| <b>Color</b>                             | dark green               |                                |                          |
| <b><u>Property</u></b>                   | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |                          |
| <b>pH</b>                                | Not Applicable           | Not Applicable                 |                          |
| <b>Melting point / freezing point °F</b> | 0 °C / 32 °F             |                                |                          |
| <b>Boiling point / boiling range</b>     | No information available |                                |                          |
| <b>Flash point</b>                       | > 100 °C / > 212 °F      | ASTM D 3278                    |                          |
| <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 |                                |                          |
| <b>Vapor pressure</b>                    | No information available |                                |                          |
| <b>Vapor density</b>                     | No information available |                                |                          |
| <b>Specific gravity</b>                  | 0.997                    |                                |                          |
| <b>Water solubility</b>                  | Soluble in water         |                                |                          |
| <b>Solubility in other solvents</b>      | No information available |                                |                          |
| <b>Partition coefficient</b>             | No information available |                                |                          |
| <b>Autoignition temperature</b>          | No information available |                                |                          |
| <b>Decomposition temperature</b>         | No information available |                                |                          |
| <b>Kinematic viscosity</b>               | No information available |                                |                          |
| <b>Dynamic viscosity</b>                 | No information available |                                |                          |

## 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**

None known based on information supplied.

**Incompatible materials**

Incompatible with oxidizing agents. Incompatible with strong acids and bases.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| <b>Product Information</b> | Causes serious eye irritation                                 |
| <b>Inhalation</b>          | Avoid breathing vapors or mists.                              |
| <b>Eye contact</b>         | Avoid contact with eyes. Causes serious eye irritation.       |
| <b>Skin Contact</b>        | Avoid contact with skin. May be harmful in contact with skin. |
| <b>Ingestion</b>           | Do not taste or swallow. May be harmful if swallowed.         |

**Component Information**

| Chemical name                                 | LD50/Oral            | LD50/Dermal             | Inhalation LC50        |
|-----------------------------------------------|----------------------|-------------------------|------------------------|
| Diethylene glycol monobutyl ether<br>112-34-5 | = 5660 mg/kg ( Rat ) | = 2700 mg/kg ( Rabbit ) |                        |
| Benzyl Alcohol<br>100-51-6                    | = 1230 mg/kg ( Rat ) | = 2 g/kg ( Rabbit )     | = 8.8 mg/L ( Rat ) 4 h |

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

**Symptoms** Causes serious eye irritation. May cause skin irritation.

**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** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name          | ACGIH | IARC    | NTP | OSHA |
|------------------------|-------|---------|-----|------|
| Organic Chrome Complex | -     | Group 3 | -   | -    |
| Organic Chrome Complex | -     | Group 3 | -   | -    |
| Organic Chrome Complex | -     | Group 3 | -   | -    |

*IARC (International Agency for Research on Cancer)  
 Group 3 - Not Classifiable as to Carcinogenicity in Humans*

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information****Unknown acute toxicity**

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

ATEmix (oral) 3032 mg/kg  
 ATEmix (dermal) 3072 mg/kg mg/l  
 ATEmix (inhalation-dust/mist) 28 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

| Chemical name                                 | Algae/aquatic plants                        | Fish                                                                                            | Toxicity to microorganisms | Crustacea                         |
|-----------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| Diethylene glycol monobutyl ether<br>112-34-5 | 100: 96 h Desmodesmus subspicatus mg/L EC50 | 1300: 96 h Lepomis macrochirus mg/L LC50 static                                                 | -                          | 100: 48 h Daphnia magna mg/L EC50 |
| Benzyl Alcohol<br>100-51-6                    | -                                           | 10: 96 h Lepomis macrochirus mg/L LC50 static<br>460: 96 h Pimephales promelas mg/L LC50 static | -                          | 23: 48 h water flea mg/L EC50     |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical name              | Partition coefficient |
|----------------------------|-----------------------|
| Benzyl Alcohol<br>100-51-6 | 1.1                   |

**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**

D007

**14. TRANSPORT INFORMATION****DOT**

Not Regulated for all modes of transportation.

**15. REGULATORY INFORMATION****International Inventories****TSCA**

Complies

**DSL/NDSL**

Complies

**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            | CAS No. | Weight-% | SARA 313 - Threshold Values % |
|--------------------------|---------|----------|-------------------------------|
| Organic Chrome Complex - | -       | 1 - 5    | 1.0                           |
| Organic Chrome Complex - | -       | 1 - 5    | 1.0                           |
| Organic Chrome Complex - | -       | 1 - 5    | 1.0                           |

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute health hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire hazard                       | No  |
| 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 |
|------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Organic Chrome Complex | -                           | X                      | -                         | -                          |
| Organic Chrome Complex | -                           | X                      | -                         | -                          |
| Organic Chrome Complex | -                           | X                      | -                         | -                          |

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

| Chemical name                                 | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------------------------|------------|---------------|--------------|
| Diethylene glycol monobutyl ether<br>112-34-5 | X          | -             | X            |
| Organic Chrome Complex                        | X          | -             | X            |
| Yellow Solvent Dye                            | X          | -             | X            |
| Organic Chrome Complex                        | X          | -             | X            |
| Organic Chrome Complex                        | X          | -             | X            |
| Ethanol<br>64-17-5                            | X          | X             | X            |

**16. OTHER INFORMATION**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 2 | Flammability 1 | Instability 0      | Physical and chemical properties - |
| <b>HMIS</b> | Health hazards 2 | Flammability 1 | Physical hazards 0 | Personal protection X              |

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**Revision Note**

No information available

**Disclaimer**

The information contained on the Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**End of Safety Data Sheet**