

# SAFETY DATA SHEET



**PROSOCO**  
Revision Number 2.01

Issuing Date 09-Jan-2015

Revision date 10-Dec-2020

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

### Product identifier

**Product Name** Conservare® OH100 Consolidation Treatment

### Other means of identification

**Product Code(s)** 42015  
**UN number** UN1866

### 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

|  |             |
|--|-------------|
| Acute toxicity - Inhalation (Vapors)             | Category 4  |
| Acute toxicity - Inhalation (Dusts/Mists)        | Category 4  |
| Serious eye damage/eye irritation                | Category 2  |
| Reproductive toxicity                            | Category 1B |
| Specific target organ toxicity (single exposure) | Category 3  |
| Flammable liquids                                | Category 3  |

### Label elements

#### Emergency Overview

**Danger**

#### **Hazard statements**

Harmful if inhaled  
Causes serious eye irritation  
May damage fertility or the unborn child  
May cause respiratory irritation  
Flammable liquid and vapor



|                                   |                              |                                      |
|-----------------------------------|------------------------------|--------------------------------------|
| <b>Appearance</b> clear colorless | <b>Physical state</b> Liquid | <b>Odor</b> No information available |
|-----------------------------------|------------------------------|--------------------------------------|

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear eye/face protection  
 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/ and other /equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Keep cool

**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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 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 container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

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

40% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name          | CAS No.   | Weight-% | Trade Secret |
|------------------------|-----------|----------|--------------|
| Ethyl Silicate         | 78-10-4   | 30 - 60  | *            |
| Diocetyl tin dilaurate | 3648-18-8 | 0.1 - 1  | *            |

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

### 4. FIRST AID MEASURES

**Description of first aid measures****General advice**

In case of accident or unwellness, seek medical advice (show directions for use or safety data sheet if possible).

**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 plenty of water. Wash contaminated clothing before reuse. If skin

irritation persists, call a physician.

**Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician.

**Ingestion** Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider** Remove all sources of ignition. Use personal protective equipment as required.

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

**Symptoms** Harmful if inhaled. Causes serious eye 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. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). Alcohol resistant foam.

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

**Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Pay attention to flashback. Take precautionary measures against static discharges. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges. Use only non-sparking tools.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use

spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required.

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

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

**Incompatible materials** Incompatible with oxidizing agents. Acids. Bases.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

#### Exposure Guidelines

| Chemical name                       | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|-------------------------------------|---|--|--|
| Ethyl Silicate<br>78-10-4           | TWA: 10 ppm   | TWA: 100 ppm<br>TWA: 850 mg/m <sup>3</sup><br>(vacated) TWA: 10 ppm<br>(vacated) TWA: 85 mg/m <sup>3</sup> | IDLH: 700 ppm<br>TWA: 10 ppm<br>TWA: 85 mg/m <sup>3</sup>                          |
| Diocetyl tin dilaurate<br>3648-18-8 | STEL: 0.2 mg/m <sup>3</sup> Sn<br>TWA: 0.1 mg/m <sup>3</sup> Sn<br>S* | TWA: 0.1 mg/m <sup>3</sup> Sn<br>(vacated) TWA: 0.1 mg/m <sup>3</sup> Sn<br>(vacated) S*                   | IDLH: 25 mg/m <sup>3</sup> Sn<br>TWA: 0.1 mg/m <sup>3</sup> except<br>Cyhexatin Sn |

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** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

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

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

|                       |                 |                       |                          |
|-----------------------|-----------------|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid          | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | clear colorless | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | colorless       |                       |                          |

|  |                          |                         |
|--|--------------------------|-------------------------|
| <b>Property</b>                          | <b>Values</b>            | <b>Remarks • Method</b> |
| <b>pH</b>                                | Not Applicable           | Not Applicable          |
| <b>Melting point / freezing point °F</b> | -30 °C / -22 °F          |                         |
| <b>Boiling point / boiling range</b>     | No information available |                         |

|                              |                          |
|------------------------------|--------------------------|
| Flash point                  | 40 °C / 104 °F           |
| Evaporation rate             | No information available |
| Flammability (solid, gas)    | No information available |
| Flammability Limit in Air    |                          |
| Upper flammability limit:    | No information available |
| Lower flammability limit:    | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific gravity             | 0.997 (@ 77 F.)          |
| Water solubility             | negligible               |
| 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 |

## 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

Incompatible with oxidizing agents. Acids. Bases.

### Hazardous decomposition products

Carbon oxides. silicon dioxide. Hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | No data available   |
| <b>Inhalation</b>          | Avoid breathing vapors or mists. May cause irritation. Harmful by inhalation. |
| <b>Eye contact</b>         | Avoid contact with eyes. Causes serious eye irritation.                       |
| <b>Skin Contact</b>        | Avoid contact with skin. May cause irritation.                                |
| <b>Ingestion</b>           | Do not taste or swallow. May be harmful if swallowed.                         |

### Component Information

| Chemical name                       | LD50/Oral            | LD50/Dermal             | Inhalation LC50        |
|-------------------------------------|----------------------|-------------------------|------------------------|
| Ethyl Silicate<br>78-10-4           | = 6270 mg/kg ( Rat ) | = 5878 mg/kg ( Rabbit ) | < 1837 ppm ( Rat ) 4 h |
| Diocetyl tin dilaurate<br>3648-18-8 | = 6450 mg/kg ( Rat ) |                         |                        |

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

**Symptoms** Causes serious eye irritation. Harmful if inhaled.

**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** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  
**Reproductive toxicity** May damage fertility or the unborn child.  
**STOT - single exposure** May cause respiratory irritation.  
**STOT - repeated exposure** No information available.  
**Target organ effects** Respiratory system.  
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown acute toxicity** 40% of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document .**  
**ATEmix (oral)** 6321 mg/kg  
**ATEmix (dermal)** 5926 mg/kg mg/l  
**ATEmix (inhalation-dust/mist)** 1.5 mg/l  
**ATEmix (inhalation-vapor)** 15.8 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| Chemical name             | Algae/aquatic plants | Fish   | Toxicity to microorganisms | Crustacea |
|---------------------------|----------------------|--|----------------------------|-----------|
| Ethyl Silicate<br>78-10-4 | -                    | 245: 96 h Danio rerio mg/L<br>LC50 semi-static | -                          | -         |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**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

## 14. TRANSPORT INFORMATION

**DOT**

Non-Hazardous/Non-Regulated (Under 119 Gallons per container) by ground transportation

UN number UN1866  
 UN proper shipping name Resin Solution  
 Transport hazard class(es) 3  
 Packing group III

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## 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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### 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 does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### 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 |
|----------------|------------|---------------|--------------|
| Ethyl Silicate | X          | X             | X            |

78-10-4

**16. OTHER INFORMATION**

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

Prepared By Regulatory Department  
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 Revision date 10-Dec-2020

**Revision Note**

SDS sections updated 4 6 7 11

**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**