

# SAFETY DATA SHEET

## PROSOCO, Inc.



Issue Date 27-Oct-2014

Revision Date 27-Oct-2014

Version 1

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

**Product identifier**

**Product Name** Consolideck® SLX100® Water & Oil Repellent

**Other means of identification**

**Product Code** 46077  
**UN/ID No** 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 - Oral                            | Category 4  |
| Acute toxicity - Inhalation (Dusts/Mists)        | Category 4  |
| Skin corrosion/irritation                        | Category 2  |
| Serious eye damage/eye irritation                | Category 2A |
| Specific target organ toxicity (single exposure) | Category 2  |
| Flammable liquids                                | Category 3  |

**Label elements**

**Emergency Overview**

|  |
|--|
| <p><b>Warning</b></p> <p><b>Hazard statements</b><br/>                 Harmful if swallowed<br/>                 Harmful if inhaled<br/>                 Causes skin irritation<br/>                 Causes serious eye irritation<br/>                 May cause damage to organs<br/>                 Flammable liquid and vapor</p> |
|--|

**Appearance** clear**Physical state** Liquid**Odor** Slight Solvent**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Use only outdoors or in a well-ventilated area  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 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

**Precautionary Statements - Response**

IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician  
 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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth  
 In case of fire: Use CO2, 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)**

This product contains a material that can cause serious lung damage or impairment if inhaled as an aerosol or fine mist.

**Other Information**

DO NOT ATOMIZE DURING APPLICATION. DO NOT BUFF OR BURNISH AFTER APPLICATION  
 5.94905% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name            | CAS No     | Weight-% | Trade Secret |
|--------------------------|------------|----------|--------------|
| Isobutyl triethoxysilane | 18395-30-7 | 60 - 100 | *            |
| Mineral Spirits          | 64742-88-7 | 3 - 7    | *            |

|   |             |       |   |
|---|-------------|-------|---|
| Methanol  | 67-56-1     | 1 - 5 | * |
| Proprietary - Perfluoroalkyl acrylate copolymer | Undisclosed | 1 - 5 | * |

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

#### 4. FIRST AID MEASURES

##### First aid measures

|   |  |
|---|--|
| <b>General advice</b>                     | Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).  |
| <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>                       | Wash off immediately with plenty of water.   |
| <b>Inhalation</b>                         | 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 or poison control center immediately. |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.   |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition.  |

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

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Irritating to eyes and skin. Inhalation of mists or vapors may cause serious lung damage or impairment if inhaled. May be harmful if swallowed. |
|-----------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | 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** Do not use a solid water stream as it may scatter and spread fire.

##### 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

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

**Environmental precautions**

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

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Use only non-sparking tools. Dam up. Take precautionary measures against static discharges. Ground and bond containers when transferring material.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation, especially in confined areas. 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.

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

**Storage Conditions** Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

**Incompatible materials** Incompatible with oxidizing agents. Bases. Amines. Ammonia. Halogens. Acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

| Chemical Name       | ACGIH TLV                           | OSHA PEL   | NIOSH IDLH   |
|---------------------|-------------------------------------|--|--|
| Methanol<br>67-56-1 | STEL: 250 ppm<br>TWA: 200 ppm<br>S* | TWA: 200 ppm<br>TWA: 260 mg/m <sup>3</sup><br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 260 mg/m <sup>3</sup><br>(vacated) STEL: 250 ppm<br>(vacated) STEL: 325 mg/m <sup>3</sup><br>(vacated) S* | IDLH: 6000 ppm<br>TWA: 200 ppm<br>TWA: 260 mg/m <sup>3</sup><br>STEL: 250 ppm<br>STEL: 325 mg/m <sup>3</sup> |

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. DO NOT ATOMIZE DURING APPLICATION. DO NOT BUFF OR BURNISH AFTER APPLICATION.

**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** Regular cleaning of equipment, work area and clothing is recommended. 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 Solvent           |
| <b>Appearance</b>            | clear                    | <b>Odor threshold</b>          | No information available |
| <b>Color</b>                 | colorless                |                                |                          |
| <b><u>Property</u></b>       | <b><u>Values</u></b>     | <b><u>Remarks • Method</u></b> |                          |
| pH                           | Not Applicable           | Not Applicable                 |                          |
| Melting point/freezing point | No information available |                                |                          |
| Boiling point/boiling range  | No information available |                                |                          |
| Flash point                  | 27 °C / 81 °F            | ASTM D 3278                    |                          |
| Evaporation rate             | No information available |                                |                          |
| Flammability (solid, gas)    | No information available |                                |                          |
| Flammability Limits in Air   |                          |                                |                          |
| Upper flammability limits    | No information available |                                |                          |
| Lower flammability limit     | No information available |                                |                          |
| Vapor pressure               | No information available |                                |                          |
| Vapor density                | No information available |                                |                          |
| Specific Gravity             | .0913                    |                                |                          |
| Water solubility             | Insoluble in water       |                                |                          |
| 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         | Not an explosive         |                                |                          |
| Oxidizing properties         | Not Applicable           |                                |                          |

## 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. Bases. Amines. Ammonia. Halogens. Acids.

**Hazardous Decomposition Products**

Carbon oxides. Formaldehyde. Hydrogen fluoride. Carbonyl fluoride.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |   |
|----------------------------|---|
| <b>Product Information</b> | Harmful by inhalation and if swallowed Irritating to eyes, skin and respiratory tract |
| <b>Inhalation</b>          | Harmful by inhalation.  |
| <b>Eye contact</b>         | Severely irritating to eyes.  |
| <b>Skin Contact</b>        | Irritating to skin.   |
| <b>Ingestion</b>           | Harmful if swallowed.   |

| Chemical Name                 | Oral LD50            | Dermal LD50              | Inhalation LC50                                 |
|-------------------------------|----------------------|--------------------------|---|
| Mineral Spirits<br>64742-88-7 | > 5000 mg/kg ( Rat ) | = 3000 mg/kg ( Rabbit )  | > 5.28 mg/L ( Rat ) 4 h                         |
| Methanol<br>67-56-1           | = 5628 mg/kg ( Rat ) | = 15800 mg/kg ( Rabbit ) | = 83.2 mg/L ( Rat ) 4 h = 64000 ppm ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** This product contains a material that can cause serious lung damage or impairment if inhaled as an aerosol or fine mist. Irritating to eyes and skin. Harmful if swallowed.

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

|                                 |  |
|---------------------------------|--|
| <b>Sensitization</b>            | No information available.  |
| <b>Germ cell mutagenicity</b>   | No information available.  |
| <b>Carcinogenicity</b>          | No information available.  |
| <b>Reproductive toxicity</b>    | No information available.  |
| <b>STOT - single exposure</b>   | No information available.  |
| <b>STOT - repeated exposure</b> | No information available.  |
| <b>Target Organ Effects</b>     | central nervous system, Eyes, Gastrointestinal tract (GI), Respiratory system, Skin. |
| <b>Aspiration hazard</b>        | No information available.  |

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 5.94905% of the mixture consists of ingredient(s) of unknown toxicity

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

|                                      |                 |
|--------------------------------------|-----------------|
| <b>ATEmix (oral)</b>                 | 428 mg/kg       |
| <b>ATEmix (dermal)</b>               | 5746 mg/kg mg/l |
| <b>ATEmix (inhalation-dust/mist)</b> | 1.4 mg/l        |
| <b>ATEmix (inhalation-vapor)</b>     | 1804.2 mg/l     |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------|----------------------|------|----------------------------|-----------|
|               |                      |      |                            |           |

|                               |   |   |   |                                      |
|-------------------------------|---|---|---|--------------------------------------|
| Mineral Spirits<br>64742-88-7 | 450: 96 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 | 800: 96 h Pimephales<br>promelas mg/L LC50 static   | - | 100: 48 h Daphnia magna<br>mg/L EC50 |
| Methanol<br>67-56-1           | -   | 28200: 96 h Pimephales<br>promelas mg/L LC50<br>flow-through 100: 96 h<br>Pimephales promelas mg/L<br>LC50 static 19500 - 20700:<br>96 h Oncorhynchus mykiss<br>mg/L LC50 flow-through 18 -<br>20: 96 h Oncorhynchus<br>mykiss mL/L LC50 static<br>13500 - 17600: 96 h<br>Lepomis macrochirus mg/L<br>LC50 flow-through | - | -                                    |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name       | Partition coefficient |
|---------------------|-----------------------|
| Methanol<br>67-56-1 | -0.77                 |

**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

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

### 14. TRANSPORT INFORMATION

**DOT****UN/ID No**

Regulated

UN1866

**Proper shipping name**

Resin Solution

**Hazard Class**

3

**Packing Group**

III

## 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 % |
|--------------------|---------|----------|-------------------------------|
| Methanol - 67-56-1 | 67-56-1 | 1 - 5    | 1.0                           |

#### SARA 311/312 Hazard Categories

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | Yes |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | 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

| Chemical Name       | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|---------------------|--------------------------|----------------|--|
| Methanol<br>67-56-1 | 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 |
|--------------------|---------------------------|
| Methanol - 67-56-1 | Developmental             |

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

| Chemical Name                 | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Mineral Spirits<br>64742-88-7 | X          | -             | -            |
| Methanol<br>67-56-1           | X          | X             | X            |

## 16. OTHER INFORMATION

|             |                  |                |                    |   |
|-------------|------------------|----------------|--------------------|---|
| <b>NFPA</b> | Health hazards 2 | Flammability 3 | Instability 0      | Physical and Chemical Properties -<br>Personal protection X |
| <b>HMIS</b> | Health hazards 2 | Flammability 3 | Physical hazards 0 |   |



**Prepared By** Regulatory Department  
**Issue Date** 27-Oct-2014  
**Revision Date** 27-Oct-2014

**Revision Note**

No information available

**Disclaimer**

The information contained on the Material 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**