

**Safety Data Sheet**  
**TERGITOL™ 15-S-40 (70% Aqueous)**

Version 1.4

Revision Date: 11/14/2023

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION****Product name** : TERGITOL™ 15-S-40 (70% Aqueous)**Recommended use of the chemical and restrictions on use**

Recommended use : Surfactant

**Supplier or Repackaging Details****Company** : Univar Solutions USA  
**Address** : 3075 Highland Pkwy Suite 200  
Downers Grove, IL 60515  
United States of America (USA)**Manufactured By** : The Dow Chemical Company**Emergency telephone number:**

Transport North America: CHEMTREC (1-800-424-9300)

CHEMTREC INTERNATIONAL Tel # 703-527-3887

**Additional Information:** : Responsible Party: Product Compliance Department  
E-mail: SDSNA@univarsolutions.com  
SDS Requests: 1-855-429-2661  
Website: www.univarsolutions.com**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**

| CAS-No.    | Chemical name                           | Weight percent |
|------------|-----------------------------------------|----------------|
| 84133-50-6 | Alcohols, C12-14-secondary, ethoxylated | 70 - 90        |
| 25322-68-3 | Polyethylene glycol                     | 5 - 10         |

Actual concentration is withheld as a trade secret

Any Concentration shown as a range is due to batch variation.

**SECTION 4. FIRST AID MEASURES**

**General advice** : Do not leave the victim unattended.

**If inhaled** : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

**In case of skin contact** : Wash off with soap and water.  
Take off contaminated clothing and shoes immediately.  
If symptoms persist, call a physician.

**In case of eye contact** : Remove contact lenses.

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If swallowed : Protect unharmed eye.  
If eye irritation persists, consult a specialist.  
: Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Do not induce vomiting without medical advice.

#### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Foam  
Water spray  
Unsuitable extinguishing media : High volume water jet  
Hazardous combustion products : Irritating fumes or substances may form.  
toxic fumes  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Smoke  
Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

#### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.  
Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.  
Materials to avoid : No materials to be especially mentioned.  
Storage period : 24 Months

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Components with workplace control parameters

| CAS-No. | Components | Value type | Control parameter | Basis |
|---------|------------|------------|-------------------|-------|
|---------|------------|------------|-------------------|-------|

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|            |                     | (Form of exposure) | ters / Permissible concentration |         |
|------------|---------------------|--------------------|----------------------------------|---------|
| 25322-68-3 | Polyethylene glycol | TWA                | 10 mg/m <sup>3</sup>             | US WEEL |
|            |                     | TWA (aerosol)      | 10 mg/m <sup>3</sup>             | US WEEL |

#### Personal protective equipment

- Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection. No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.
- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Hygiene measures : General industrial hygiene practice.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : yellow
- Odour : mild
- Odour Threshold : No data available
- pH : 6.5
- Freezing Point (Pour point) : -9 °C (16 °F)
- Boiling Point (Boiling point/boiling range) : > 100 °C (> 212 °F) (1013 hPa)
- Flash point : Not applicable
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Vapour pressure : 17 mmHg @ 20 °C (68 °F)
- Relative vapour density : 0.6
- Relative density : 1.072 @ 30 °C (86 °F)  
Reference substance: (water = 1)
- Density : No data available
- Solubility(ies)

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|                                        |                           |
|----------------------------------------|---------------------------|
| Water solubility                       | : completely soluble      |
| Solubility in other solvents           | : No data available       |
| Partition coefficient: n-octanol/water | : No data available       |
| Auto-ignition temperature              | : No data available       |
| Thermal decomposition                  | : No data available       |
| Viscosity                              |                           |
| Viscosity, kinematic                   | : 1750 mm <sup>2</sup> /s |

**SECTION 10. STABILITY AND REACTIVITY**

|                                    |                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------|
| Reactivity                         | : No dangerous reaction known under conditions of normal use.                           |
| Chemical stability                 | : Stable under normal conditions.                                                       |
| Possibility of hazardous reactions | : Stable under recommended storage conditions.<br>No hazards to be specially mentioned. |
| Conditions to avoid                | : Heat<br>elevated temperatures<br>No data available                                    |
| Incompatible materials             | : Strong acids<br>Strong bases<br>Strong oxidizing agents                               |
| Hazardous decomposition products   | : Stable under recommended storage conditions.<br>carbon dioxide and carbon monoxide    |

**SECTION 11. TOXICOLOGICAL INFORMATION****Skin corrosion/irritation****Components:****84133-50-6:**

Species: Rabbit

Result: Irritating to skin.

**Serious eye damage/eye irritation****Components:****84133-50-6:**

Species: Rabbit

Result: Risk of serious damage to eyes.

**Carcinogenicity****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or

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equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Further information****Product:**

Remarks: No data available

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

No data available

**Persistence and degradability****Components:****25322-68-3:****Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Uni-

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var Solutions ChemCare: 1-800-637-7922

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14. TRANSPORT INFORMATION****DOT (Department of Transportation):** Not regulated as a dangerous good**IATA (International Air Transport Association):** Not regulated as a dangerous good**IMDG-Code:** Not regulated as a dangerous good

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**SECTION 15. REGULATORY INFORMATION****WHMIS Classification** : : Not controlled.**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : No SARA Hazards**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

25322-68-3 Polyethylene glycol

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

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#### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know

|            |                                         |
|------------|-----------------------------------------|
| 84133-50-6 | Alcohols, C12-14-secondary, ethoxylated |
| 7732-18-5  | Water                                   |
| 25322-68-3 | Polyethylene glycol                     |

#### California Prop 65

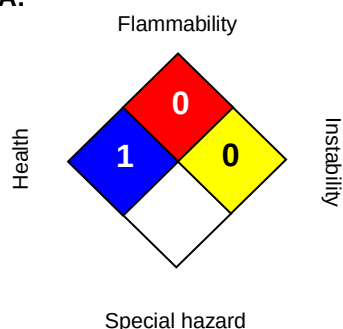
: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### The components of this product are reported in the following inventories:

|       |                                                          |
|-------|----------------------------------------------------------|
| TSCA  | : On TSCA Inventory                                      |
| AICS  | : On the inventory, or in compliance with the inventory  |
| DSL   | : All components of this product are on the Canadian DSL |
| NZIoC | : not determined                                         |
| ENCS  | : On the inventory, or in compliance with the inventory  |
| KECI  | : On the inventory, or in compliance with the inventory  |
| PICCS | : On the inventory, or in compliance with the inventory  |
| IECSC | : On the inventory, or in compliance with the inventory  |

## SECTION 16. OTHER INFORMATION

#### NFPA:



#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 1 |
| FLAMMABILITY    | 0 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the

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results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions Product Compliance Department (1-855-429-2661) SDSNA@univarsolutions.com.

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**Material number:**

16204845, 16203078, 16193835, 16169921, 16172674, 16165133

| Key or legend to abbreviations and acronyms used in the safety data sheet |                                                          |       |                                                                                      |
|---------------------------------------------------------------------------|----------------------------------------------------------|-------|--------------------------------------------------------------------------------------|
| ACGIH                                                                     | American Conference of Government Industrial Hygienists  | LD50  | Lethal Dose 50%                                                                      |
| AICS                                                                      | Australia, Inventory of Chemical Substances              | LOAEL | Lowest Observed Adverse Effect Level                                                 |
| DSL                                                                       | Canada, Domestic Substances List                         | NFPA  | National Fire Protection Agency                                                      |
| NDSL                                                                      | Canada, Non-Domestic Substances List                     | NIOSH | National Institute for Occupational Safety & Health                                  |
| CNS                                                                       | Central Nervous System                                   | NTP   | National Toxicology Program                                                          |
| CAS                                                                       | Chemical Abstract Service                                | NZIoC | New Zealand Inventory of Chemicals                                                   |
| EC50                                                                      | Effective Concentration                                  | NOAEL | No Observable Adverse Effect Level                                                   |
| EC50                                                                      | Effective Concentration 50%                              | NOEC  | No Observed Effect Concentration                                                     |
| EGEST                                                                     | EOSCA Generic Exposure Scenario Tool                     | OSHA  | Occupational Safety & Health Administration                                          |
| EOSCA                                                                     | European Oilfield Specialty Chemicals Association        | PEL   | Permissible Exposure Limit                                                           |
| EINECS                                                                    | European Inventory of Existing Chemical Substances       | PICCS | Philippines Inventory of Commercial Chemical Substances                              |
| MAK                                                                       | Germany Maximum Concentration Values                     | PRNT  | Presumed Not Toxic                                                                   |
| GHS                                                                       | Globally Harmonized System                               | RCRA  | Resource Conservation Recovery Act                                                   |
| >=                                                                        | Greater Than or Equal To                                 | STEL  | Short-term Exposure Limit                                                            |
| IC50                                                                      | Inhibition Concentration 50%                             | SARA  | Superfund Amendments and Reauthorization Act.                                        |
| IARC                                                                      | International Agency for Research on Cancer              | TLV   | Threshold Limit Value                                                                |
| IECSC                                                                     | Inventory of Existing Chemical Substances in China       | TWA   | Time Weighted Average                                                                |
| ENCS                                                                      | Japan, Inventory of Existing and New Chemical Substances | TSCA  | Toxic Substance Control Act                                                          |
| KECI                                                                      | Korea, Existing Chemical Inventory                       | UVCB  | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| <=                                                                        | Less Than or Equal To                                    | WHMIS | Workplace Hazardous Materials Information System                                     |
| LC50                                                                      | Lethal Concentration 50%                                 |       |                                                                                      |