

**Safety Data Sheet**  
**MicroC® 2000**

Version 1.3

Revision Date: 10/23/2025

**SECTION 1. IDENTIFICATION****Product name** : MicroC® 2000

Synonyms : No data available

Restricted Uses : No data available

**Supplier or Repackaging Details****Company** : Univar Solutions Canada Ltd.**Address** : 64 Arrow Road  
North York, ON, M9M 2L9  
Canada**Manufactured By** : Environmental Operating Solutions, Inc**Emergency telephone number:**

Local Emergency Contact : During Office hours Monday-Friday, 8.00 am - 4.30 pm (Pacific Standard Time) : 1-866-686-4827

**Additional Information:** : Responsible Party: Product Compliance Department  
E-mail: SDSNA@univarsolutions.com  
SDS Requests: 1-855-429-2661  
Website: www.univarsolutions.com**SECTION 2. HAZARD IDENTIFICATION****Hazardous Classification of the substance or mixture**

Not a hazardous substance or mixture.

**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 | % by Weight | Synonyms  |
|---------|---------------|-------------|-----------|
| 56-81-5 | Glycerine     | 60 - 80     | Glycerine |
| 67-56-1 | Methanol      | 0.1 - 1     | Methanol  |

Actual concentration or concentration range is withheld as a trade secret

**SECTION 4. FIRST-AID MEASURES**

General advice : Do not leave the victim unattended.  
If you feel unwell, seek medical advice (show the label where possible).

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

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- |                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In case of skin contact | : Wash off with soap and water.<br>Remove contaminated clothing. If irritation develops, get medical attention.                                                                                            |
| In case of eye contact  | : Remove contact lenses.<br>Immediately flush eye(s) with plenty of water.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.                                                   |
| If swallowed            | : Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Do NOT induce vomiting. |

#### SECTION 5. FIREFIGHTING MEASURES

- |                                               |                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                  | : Water spray<br>Foam<br>Dry chemical<br>Carbon dioxide (CO <sub>2</sub> )                                                                          |
| Unsuitable extinguishing media                | : High volume water jet                                                                                                                             |
| Hazardous combustion products                 | : Carbon oxides<br>Smoke<br>toxic fumes<br>Irritating fumes or substances may form.<br>formaldehyde                                                 |
| Further information                           | : Standard procedure for chemical fires.<br>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).<br>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.<br>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.                                                                             |

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

##### Components with workplace control parameters

| CAS-No. | Components | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis     |
|---------|------------|----------------------------------|------------------------------------------------|-----------|
| 56-81-5 | Glycerine  | TWA (Mist)                       | 10 mg/m <sup>3</sup>                           | CA AB OEL |
|         |            | TWA (Mist)                       | 10 mg/m <sup>3</sup>                           | CA BC OEL |
|         |            | TWA (Respirable mist)            | 3 mg/m <sup>3</sup>                            | CA BC OEL |
|         |            | TWAEV (Mist)                     | 10 mg/m <sup>3</sup>                           | CA QC OEL |
| 67-56-1 | Methanol   | TWA                              | 200 ppm<br>262 mg/m <sup>3</sup>               | CA AB OEL |
|         |            | STEL                             | 250 ppm<br>328 mg/m <sup>3</sup>               | CA AB OEL |
|         |            | TWA                              | 200 ppm                                        | CA BC OEL |
|         |            | STEL                             | 250 ppm                                        | CA BC OEL |
|         |            | TWAEV                            | 200 ppm<br>262 mg/m <sup>3</sup>               | CA QC OEL |
|         |            | STEV                             | 250 ppm<br>328 mg/m <sup>3</sup>               | CA QC OEL |

##### Personal protective equipment

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 : light brown  
 Odour : musty, sweet  
 Odour Threshold : No data available  
 pH : 4.00 - 11.00  
 Freezing Point : No data available  
 Boiling Point : No data available  
 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 : No data available  
 Relative vapour density : No data available  
 Relative density : 1.225 @ 20 °C (68 °F)  
 Reference substance: (water = 1)  
  
 Density : 10.22 lb/gal

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|                                        |                     |
|----------------------------------------|---------------------|
| Solubility(ies)                        |                     |
| Water solubility                       | : 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 |

**SECTION 10. STABILITY AND REACTIVITY**

|                                    |                                                                                                                                                                        |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | : Reacts with oxidizers                                                                                                                                                |
| Chemical stability                 | : Stable under normal conditions.                                                                                                                                      |
| Possibility of hazardous reactions | : No hazards to be specially mentioned.                                                                                                                                |
| Conditions to avoid                | : Keep away from heat, flame, sparks and other ignition sources.                                                                                                       |
| Incompatible materials             | : Acids<br>Alkali metals<br>Alkalis<br>bromine trifluoride<br>Copper<br>Copper alloys<br>lithium<br>Nickel<br>Oxidizing agents<br>Reducing agents<br>Zinc<br>Aluminium |

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity : Acute toxicity estimate: &gt; 5,000 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: > 40 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : Acute toxicity estimate: &gt; 5,000 mg/kg

**Components:****56-81-5:**

Acute oral toxicity : LD50 (Rat, female): 27,200 mg/kg

Acute dermal toxicity : LD50 (Guinea pig, male and female): 45 mL/kg  
Assessment: The substance or mixture has no acute dermal toxicity

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**67-56-1:**

Acute oral toxicity : Assessment: The component/mixture is toxic after single ingestion.

Acute inhalation toxicity : Assessment: The component/mixture is toxic after short term inhalation.

Remarks: Supporting toxicological evidence is limited for this classification. This harmonized classification will replace the indicated classification due to industry leaders and the EU Harmonized Classification (Annex VII).

Acute dermal toxicity : Assessment: The component/mixture is toxic after single contact with skin.

**Skin corrosion/irritation****Components:****56-81-5:**

Species: Rabbit

Exposure time: 24 h

Result: Not irritating to skin

**Serious eye damage/eye irritation****Components:****56-81-5:**

Species: Rabbit

Result: Not irritating to eyes

**Respiratory or skin sensitisation****Components:****56-81-5:**

Result: Did not cause sensitisation on laboratory animals.

**Germ cell mutagenicity****Components:****56-81-5:**

Genotoxicity in vitro : Test Type: DNA damage and/or repair  
Species: rat hepatocytes  
Result: negative

Germ cell mutagenicity - Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

**Carcinogenicity****Components:****56-81-5:**

Species: Rat, (male and female)

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Application Route: Oral  
Exposure time: 1 - 2 yrs  
Dose: 0, 5, 10, 20 %diet  
NOAEL: 20 % diet

Result: did not display carcinogenic properties

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.  
**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

#### Reproductive toxicity

##### Components:

###### **56-81-5:**

Effects on fertility : Test Type: Two-generation study  
Species: Rat, male and female  
Application Route: Oral  
Dose: 0, 2000 mg/kg bw  
General Toxicity - Parent: NOAEL: 2,000 mg/kg body weight  
General Toxicity F1: NOAEL: 2,000 mg/kg body weight  
Fertility: NOAEL: 2,000 mg/kg body weight  
Result: No reproductive effects.

Effects on foetal development : Species: Rat  
Application Route: Oral  
Dose: 0, 13.1, 60.8, 282, 1310 milligram per kilogram  
Duration of Single Treatment: 10 d  
General Toxicity Maternal: NOAEL: 1,310 mg/kg body weight  
Teratogenicity: NOAEL: 1,310 mg/kg body weight  
Developmental Toxicity: NOAEL: 1,310 mg/kg body weight  
Result: No teratogenic effects

Teratogenicity - Assessment : No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

#### STOT - single exposure

##### Components:

###### **67-56-1:**

Target Organs: Eyes, Central nervous system  
Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 1.

#### Further information

##### Product:

Remarks: No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****56-81-5:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 5,000 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other : LC50 (Daphnia magna (Water flea)): 1,955 mg/l  
aquatic invertebrates : Exposure time: 48 h  
Test Type: static test

**Persistence and degradability****Components:****56-81-5:****Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

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

Additional ecological infor- : No data available  
mation

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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 Univar 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****TDG (Transportation of Dangerous Goods):** Not regulated as a dangerous good

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**IATA (International Air Transport Association):** Not regulated as a dangerous good

**IMDG-Code:** Not regulated as a dangerous good

#### SECTION 15. REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all of the information required by the HPR.

**NPRI Components** : 67-56-1

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

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL

AICS : not determined

NZIoC : not determined

ENCS : not determined

KECI : not determined

PICCS : not determined

IECSC : not determined

#### SECTION 16. OTHER INFORMATION

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 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 EHS Product Compliance Department (1-855-429-2661) [SDSNA@univarsolutions.com](mailto:SDSNA@univarsolutions.com).

**Revision Date** : 10/23/2025

**Material number:**

16194038, 16138373, 16142317, 16142717

| Key or legend to abbreviations and acronyms used in the safety data sheet |                                                         |      |                 |
|---------------------------------------------------------------------------|---------------------------------------------------------|------|-----------------|
| ACGIH                                                                     | American Conference of Government Industrial Hygienists | LD50 | Lethal Dose 50% |

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|        |                                                          |       |                                                                                      |
|--------|----------------------------------------------------------|-------|--------------------------------------------------------------------------------------|
| AIIC   | Australia Inventory of Industrial Chemicals              | 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%                                 |       |                                                                                      |