1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Cells Fixing Agent

Product Number:

Brand: Edvotek
Supplier: Edvotek

1121 5th Street NW
Washington, DC 20001

Telephone: 1-800-338-6835 or 202-370-1500
Fax: 202-370-1501
Emergency Phone #: 202-370-1500

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:
Flammable liquid, Target Organ Effect,
Toxic by inhalation, Toxic by ingestion,
Toxic by skin absorption

GHS Classification
Flammable liquids 2
Acute toxicity Oral 3
Acute toxicity Inhalation 3
Acute toxicity Dermal 3

Pictograms

Signal Word  Danger

Hazard statement(s)
H225 Highly flammable liquid and vapour.
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled
H370 Causes damage to organs.

Precautionary statement(s)
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P280 Wear protective gloves/ protective clothing.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.

HMIS Classification:
Health hazard:  2
Flammability:  3
Physical hazard:  0

NFPA Rating:
Health hazard:  2
Fire:  3
Reactivity Hazard:  0

Potential Health Effects:
Inhalation: Toxic if inhaled.
Skin: Toxic if absorbed through skin. Causes skin irritation.
Eyes: Causes eye irritation.
Ingestion: Toxic if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Methyl Alcohol

Formula: CH₄O

Molecular Weight: 32.04 g/mol

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EC No.</th>
<th>CAS –No</th>
<th>Concentration</th>
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<tr>
<td>Methanol</td>
<td>200-659-6</td>
<td>67-56-1</td>
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</table>
4. FIRST AID MEASURES

General information
No special measures required.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

In case of skin contact
Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

In case of eye contact
Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

5. FIREFIGHTING MEASURES

Conditions of flammability
Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking

Suitable extinguishing media
Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products
Hazardous decomposition products formed under fire conditions.- Carbon oxides
6. **ACCIDENTAL RELEASE MEASURES**

**Personal precautions**
Prevent skin/eye contact. Use personal protective equipment as needed.

**Environmental precautions**
Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

**Methods and materials for containment and cleaning up**
Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

7. **HANDLING AND STORAGE**

**Precautions for safe handling**
No special measures necessary. Good laboratory technique should be used when handling.

**Conditions for safe storage**
No special measures necessary. Store at room temperature.

**Incompatible Products**
No known products

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal protective equipment**
**Respiratory protection**
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection
Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Eye protection
Avoid eye contact with this material. Wear chemical safety goggles.

Skin and body protection
Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form liquid
Color colourless
Odor no data available

Safety data
pH no data available
Melting point/freezing point no data available
Boiling point no data available
Flash point no data available
Ignition temperature no data available
Autoignition Temperature no data available
Lower explosion limit no data available
Upper explosion limit no data available
Vapor pressure no data available
Density (water=1) no data available
Water solubility no data available
Partition coefficient:
n-octanol/water no data available
Relative vapour Density no data available
Odour Threshold no data available
Evaporation rate no data available
10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
Vapours may form explosive mixture with air

Conditions to avoid
Heat, flames and sparks. Extremes of temperature and direct sunlight.

Materials to avoid
Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids.

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions.- Carbon oxides

Acute toxicity LD/LC50 values
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

11. TOXICOLOGICAL INFORMATION

Germ cell mutagenicity
no data available

Skin corrosion/irritation
no data available

Carcinogenicity
No components of this product are listed by IARC, ACGIH, NTP and OSHA.

Reproductive toxicity
no data available

Teratogenicity
no data available

**Aspiration hazard**
no data available

**Synergistic effects**
no data available

### 12. ECOLOGICAL INFORMATION

<table>
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<tr>
<th><strong>Toxicity</strong></th>
<th><strong>Mobility in soil</strong></th>
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<th><strong>Persistence and degradability</strong></th>
<th><strong>PBT and vPvB assessment</strong></th>
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<th><strong>Bioaccumulative potential</strong></th>
<th><strong>Other adverse effects</strong></th>
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### 13. DISPOSAL CONSIDERATIONS

**Product**
Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

**Contaminated packaging**
Dispose of as unused product.

### 14. TRANSPORT INFORMATION

**DOT (US)**
Not dangerous goods

**IMDG**
Not dangerous goods

**IATA**
Not dangerous goods
15. REGULATORY INFORMATION

OSHA Hazards
Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
No SARA Hazards.

16. OTHER INFORMATION

For educational use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.