Material Safety Data Sheet
according to EC-Regulation No. 1272/2008

updated: 10/2016 Version: 1.0

Section I - Product and Company Information

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Live/Dead Fixable Staining Kits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Classification</td>
<td>Cell Biology Reagents</td>
</tr>
<tr>
<td>Company and Contact Information</td>
<td>PromoCell GmbH</td>
</tr>
<tr>
<td></td>
<td>Sickingenstrasse 63/65</td>
</tr>
<tr>
<td></td>
<td>69126 Heidelberg</td>
</tr>
<tr>
<td></td>
<td>Germany</td>
</tr>
<tr>
<td>Phone</td>
<td>+49 6221 – 649 34 0</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:info@promokine.info">info@promokine.info</a></td>
</tr>
</tbody>
</table>

Section II - Potential Hazards Information

Classification according to Regulation (EC) No 1272/2008[CLP]: Not classified
Classification according to Directive 1999/45/EC: Not classified
Labeling according to Regulation (EC) No 1272/2008[CLP]
Hazard pictogram: None
Signal word: None
Hazard statements: None
Precautionary statements: None
HMIS Classification
Health hazard: 0
Flammability: 0
Physical hazards: 0
NFPA Rating
Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Section III - Formulation and Ingredients Information

No ingredients present at concentrations classified as hazardous to health or the environment.

Section IV – First Aid Measures

General advice: Remove affected clothing and launder before reuse.
If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration and seek medical care.
In case of skin contact: Wash off with soap and plenty of water. If irritation persists, seek medical care.
In case of eye contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical care.
If swallowed: Do NOT induce vomiting. Rinse mouth with water. Seek medical care.

Section V – Fire Fighting Measures

Suitable extinguishing media: carbon dioxide, dry chemical extinguishers, foam extinguishers or water.
Special protective equipment for firefighters: Burning produces poisonous gases, sulfur oxides. Wear self-contained breathing apparatus for firefighting if necessary.

Section VI - Accidental Release Measures

Personal precautions
Avoid breathing vapors, mist or gas. Remove all sources of ignition.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and materials for containment and cleaning up
Contain spillage. Soak up spilled substance with inert absorbent material. Keep in suitable, closed containers for disposal.
Precautions for safe handling
Avoid inhalation of vapor or mist.
Avoid direct contact with substance.

Conditions for safe storage
Keep container tightly closed in a dry and well-ventilated place.
Store at -20°C.

Section VIII - Personal Protection and Exposure Control Information

Components with workplace control parameters

Personal protective equipment

Hand protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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

Section IX – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Live/Dead Fixable Stains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor:</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>No data available</td>
</tr>
<tr>
<td>pH:</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporate rate:</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability:</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density:</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-Ignition Temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive Properties:</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising Properties:</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Section X - Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Stable under recommended storage conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Possibility of hazardous reactions:</td>
<td>no data available</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>Heat, flames and sparks.</td>
</tr>
<tr>
<td>Materials to Avoid:</td>
<td>no data available</td>
</tr>
</tbody>
</table>
Hazardous decomposition products: Hazardous decomposition products formed under fire conditions: Carbon oxides. Other decomposition products - no data available.

### Section XI - Toxicological Information

**Acute toxicity**
- Oral LD50: None
- Inhalation LC50: None
- Dermal LD50: None
- Other information on acute toxicity: no data available
- Skin corrosion/irritation: no data available
- Serious eye damage/eye irritation: no data available
- Respiratory or skin sensitization: no data available
- Germ cell mutagenicity: no data available

**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.
- 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.
- 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.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**: no data available

**Specific target organ toxicity - single exposure (Globally Harmonized System)**: no data available

**Specific target organ toxicity - repeated exposure (Globally Harmonized System)**: no data available

**Aspiration hazard**: no data available

**Potential health effects**
- Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
- Ingestion: May be harmful if swallowed.
- Skin: May be harmful if absorbed through skin. May cause skin irritation.
- Eyes: May cause eye irritation.

**Additional Information**

RTECS: None

### Section XII - Ecological Information

**Toxicity**: no information available.

**Persistence and degradability**: no information available.

**Biodegradation**: no information available.

**Mobility in soil**: no information available.

**Results of PBT and vPvB assessment**: no information available.

**Other adverse effects**: no information available.

**Additional information**: no information available.

### Section XIII - Disposal

Do not dispose product directly into sewage. Consult local state or national regulation for proper disposal.

### Section XIV - Transport Information

**IATA, IMDG, DOT (US)**: Not dangerous good during shipping

**UN number**: None

**UN proper shipping name**: None

**Transport hazard class**: None

**Packing group**: None

**Environmental hazards**: none

**Special precaution for user**: none
Section XV - Regulatory Information

US Federal Regulations
Us Toxic Substances Control Act (TSCA): Not listed
SARA 302: No chemicals were found.
SARA 313: No chemicals were found.
SARA 311/312 Hazards: No chemicals were found.

EU Regulations:
Classification according to Regulation (EC) No. 1272/2008.

Section XVI - Other Information / Disclaimer

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. PromoCell GmbH shall not be held liable for any damage resulting from handling or contact with the above product.