BIORELEVANT.COM

Safety Data Sheet
FEDGAS Gel

SECTION 1: Identification

1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>FEDGAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product number</td>
<td>FEDGAS</td>
</tr>
<tr>
<td>Brand</td>
<td>Biorelevant.com</td>
</tr>
</tbody>
</table>

Other means of identification
Amber gel.

1.2 Recommended use of the chemical and restrictions on use

Laboratory chemicals (for solubility and dissolution testing)

1.3 Details of the supplier of the safety data sheet

| Name | Biorelevant.com |
| Address | Suite 4, QMB Innovation Centre |
| Address | 42 New Road |
| Address | E1 2AX London. |
| Address | United Kingdom |

| Telephone | +44 (0)20 77905328 |
| email | sds@biorelevant.com |

1.4 Emergency phone number(s)

+44 (0)20 7790 5328

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: Regulation (EC) No 1272/2008 (CLP)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.
2.3 Other hazards which do not result in classification

Fire Hazard
1. Combustible Liquid, Class III B*

SECTION 3: Composition/information on ingredients

3.1 Substance
Not applicable

3.2 Mixtures

1. Vegetable Fats
   Concentration 38-43 % weight

2. Carbohydrates
   Concentration 38-43 % weight

3. Water
   Concentration 15-22 % weight

- According to the majority of notifications provided by companies to ECHA in CLP notifications no hazards have been classified.

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes
In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Following inhalation
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Following skin contact
Wash off with soap and plenty of water. Get medical attention if symptoms occur.

Following eye contact
Flush eyes with water as a precaution.

Following ingestion
Call a or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Self-protection of the first aider
Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed

Note to physician: treat symptomatically.
SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Special hazards arising from the substance or mixture

Carbon oxides.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

In case of accidental release or spills, prevent contamination of surface and ground waters, sewers, soil.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry place.

7.3 Specific end use(s)

Laboratory Reagent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National occupational exposure limits have not been developed for this material.

8.2 Exposure controls

Appropriate engineering controls
Ensure that eyewash stations and safety showers are close to the workstation location.

**Personal protection equipment:**

**Eye/face protection**
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**
Wear appropriate gloves to prevent skin exposure (minimum requirement).

**Body protection**
Wear appropriate personal protective equipment.

**Respiratory protection**
Respiratory protection is not required.

**Thermal hazards**
No data available.

**Control banding approach**
No data available.

**Environmental exposure controls**
In case of accidental release or spills, prevent contamination of surface and ground waters, sewers, soil.

**SECTION 9: Physical and chemical properties**

9.1 **Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, colour, etc.)</td>
<td>Yellow Viscus Gel</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Odour 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>Initial boiling point and boiling range</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td>No data available.</td>
</tr>
<tr>
<td>Upper/lower 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(ies)</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>Oxidizing properties</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

9.2 **Other safety information**

No other relevant information to be added to Section 9.

**SECTION 10: Stability and reactivity**

10.1 **Reactivity**
None under normal use conditions.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
None under normal use conditions.

10.4 Conditions to avoid
None under normal use conditions.

10.5 Incompatible materials
None under normal use conditions.

10.6 Hazardous decomposition products
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Skin corrosion/irritation
Based on available data, classification data are not met.

Serious eye damage/irritation
Based on available data, classification data are not met.

Respiratory or skin sensitization
Based on available data, classification data are not met.

Germ cell mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

Summary of evaluation of the CMR properties
No data available.

STOT-single exposure
No data available.

STOT-repeated exposure
No data available.

Aspiration hazard
Based on available data, classification data are not met.

SECTION 12: Ecological information
12.1 Toxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

12.2 Persistence and degradability

Highly soluble in water: persistence is unlikely.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No other adverse effects are expected.

12.7 Other information

No other relevant information to be added to Section 12.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal of the product
Any disposal practice must be in compliance with all local and national laws and regulations. Send to controlled landfills or authorized incinerators.

Disposal of contaminated packaging
Dispose of as unused product.

Waste treatment
Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers.

Sewage disposal
Do not dispose of waste into sewer.

Other disposal recommendations
Do not dispose of waste into sewer.

SECTION 14: Transport information

Land transport (ADR/RID)
14.1 - 14.6
Not classified as dangerous in the meaning of transport regulations.

Inland waterway transport (ADN)
Not relevant.
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Template of: FEDGAS

Air transport (IATA)
14.1 - 14.6
Not classified as dangerous in the meaning of transport regulations.

Sea transport (IMDG)
14.1 - 14.6
Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This substance is not listed in the Annex I of Directive 96/82/CE.

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since we cannot control the conditions under which the product may be used, each user must review the SDS prior to usage in the context of the intended use in order to handle and employ the product in their workplace. If clarification is needed to ensure an appropriate assessment can be made, the user should contact us.

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