



BIO•GEL[®] Bio-restorative Hydrogel Safety Data Sheet (SDS)

Section 1 – Product and Company Identification

Product Trade Name: BIO•GEL[®] Bio-restorative Hydrogel

Recommended Use: Skin gel

Distributor: Merz North America, Inc.
6501 Six Forks Road
Raleigh, NC 27615

Telephone: 844-469-6379

Hazmat Service Emergency Number: 800-373-7542

International Shipments: +1-484-951-2432

Section 2 – Hazard(s) Identification

This product is not considered to be hazardous per the Occupational Safety & Health Administration's (OSHA's) Hazard Communication Standard 29CFR1910.1200.

Section 3 – Composition/Information on Ingredients

This mixture is not considered a health hazard.

Section 4 – First Aid Measures

Take precautions to ensure your own health and safety before responding/providing first aid.

- i) Eye**
May cause mild irritation, redness, and pain. Seek medical attention if necessary.
- ii) Skin**
Clean with soap and water. Seek medical attention if irritation develops or persists.
- iii) Inhalation**
Remove from exposure to fresh air if necessary. Product contains ingredients that are an aspiration hazard. Seek medical attention if cough or other symptoms appear.
- iv) Ingestion**
Seek medical attention if necessary.

Notes to Physician: Treat symptomatically and supportively.



Section 5 – Fire-Fighting Measures

- i) **Extinguishing Media:** Water, Dry Chemical, Carbon Dioxide, or Appropriate Foam.
- ii) **Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus (SCBA) pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
- iii) **Decomposition:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion – nitrous oxides, CO, CO₂.

Section 6 – Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Collect material observing precautions in the Exposure Controls and Personal Protection Section and place into an appropriate waste container. An inert absorbent may be used and the spill area cleaned with a detergent solution or safety solvent. Provide adequate ventilation during cleanup procedures.

Section 7 – Handling and Storage

- i) **Handling:** Handle in accordance with good industrial hygiene practices.
- ii) **Storage:** Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 – Exposure Controls and Personal Protection

- i) **Ventilation:** A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersions of it into the general work area.
- ii) **Respiratory Protection:** Not expected to require use of a personal respirator.
- iii) **Skin Protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.
- iv) **Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles if risk of eye contact during handling. Maintaining an eye wash station in the work area is recommended.
- v) **Personal Hygiene:** Wash hands thoroughly after handling.

Section 9 – Physical and Chemical Properties

- i) **Appearance:** Transparent to slightly translucent gel
- ii) **Odor:** Chemical odor characteristic of composition
- iii) **Odor Threshold:** Not determined
- iv) **pH:** 5.92 to 6.52
- v) **Melting Point/Freezing Point:** Not determined



- vi) **Initial Boiling Point and Boiling Range:** Not determined
- vii) **Flash Point:** >200°F
- viii) **Evaporation Rate:** Not determined
- ix) **Flammability (solid, gas):** Not determined
- x) **Upper/Lower Flammability or Explosive Limits:** Not determined
- xi) **Vapor Pressure:** Not determined
- xii) **Vapor Density:** Not determined
- xiii) **Relative Density:** 0.99 – 1.03
- xiv) **Solubility:** Not determined
- xv) **Partition Coefficient:** Not determined
- xvi) **Auto-ignition Temperature:** Not determined
- xvii) **Decomposition Temperature:** Not determined
- xviii) **Viscosity:** 15'000 ± 25'000 mPa·s

Section 10 – Stability and Reactivity

- i) **Stability:** Stable under ordinary conditions of use and storage. Hazardous polymerization will not occur.
- ii) **Materials to avoid:** Store away from oxidizing agents.
- iii) **Hazardous Decomposition:** None under ordinary conditions of use and storage.

Section 11 – Toxicology Information

Health effects are not known or expected during normal use.

Section 12 – Ecological Information

Ecological data is not available.

Section 13 – Disposal Recommendations

Dispose of container and unused contents in accordance with federal, state, and local environmental regulatory requirements.



Section 14 – Transport Information

Non-hazardous for transport.

Section 15 – Regulatory Information

U.S. Federal Regulations: The following information may be useful in complying with various state and federal laws and regulations under various environmental statutes:

- i) **Toxic Substance Control Act (TSCA)**
Chemical ingredients are on the TSCA Inventory or exempt.
- ii) **Superfund Reportable Quantity (RQ)**
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- iii) **Sara Title III (section 311/312)**
None
- iv) **Sara Title III (section 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.

Section 16 – Other Information

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Revision: 02

The information contained in this SDS is to the best of Merz North America, Inc.'s knowledge and is believed to be accurate and reliable as of the revision date. However, no representation, warranty, or guarantee is implied or expressed regarding the accuracy, reliability, or completeness of this information. Information contained within this SDS is related to occupational exposure.