



Section 1 – Chemical Property and Company Identification

SDS Name: BioPlus+ Barrier Film Wipes

Company Identification: BioDerm, Inc.
12320 73rd Court N
Largo, FL 33773

For Information, call: (727) 507-7655

Emergency Number: (727) 507-7655

Product Use: Skin protectant barrier film.

Section 2 – Hazards Identification

Specific Physical Form: Wipe applicator saturated with a clear liquid with slight camphor-like odor.

Immediate, Physical, and Environmental Hazards: Flammable solid that emits highly flammable vapors. *Do not use in presence of an open flame or spark, static electricity, or in oxygen-enriched conditions. Do not smoke in presence of BioPlus+ wipes.*

Hazards Classification (Estimated) GHS Classification:



Danger

Fire= 2 (Liquid and Vapors are Highly Flammable, H225)

Health= 4 (Slight)

Reactivity=0 (Insignificant)

Personal protection – none needed

Potential Health Effects

Eye: May cause moderate eye irritation with corneal contact

Skin: May cause skin irritation in sensitive individuals. Discontinue use if redness or irritation occurs.

Ingestion: May cause gastrointestinal irritation. No need for first aid is anticipated upon ingestion of a single wipe.

Inhalation: Excessive or prolonged inhalation may cause dizziness or light-headedness.



Section 3 – Composition, Information on Ingredients

Ingredient	%	CAS #
Cellulose/Rayon Wipe Applicator	60%	N/A
Iso-octane	15-30% by vol.	540-84-1
t-Butanol	8-24% by vol.	75-65-0
Polymers	0-12% wt./vol	Trade Secret
Benzalkonium Chloride (preservative)	1:250 wt./vol	8001-54-5

BioPlus+ wipes are not manufactured with natural rubber latex and are phthalate-free. Liquid is saturated onto a wipe applicator.

Section 4 – First Aid Measures

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Skin: No need for first aid is anticipated.

Ingestion: Potential for gastrointestinal irritation and aspiration if ingested. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel.

Inhalation: Provide fresh air.

Notice to Physicians: Treat symptomatically and supportively.

Section 5 – Fire Fighting Measures

Autoignition Temperature: 415°C (779°F)

Flash point: -12°C (10°F)

Extinguishing media: Use fire extinguishers with class B extinguishing agents (e.g., dry, chemical, carbon dioxide)

Protective Equipment: Very large fires may require full protective equipment including self-contained breathing apparatus (SCBA)

Unusual Fire and Explosion Hazards: Flammable solid; the liquid absorbed onto the applicator has a flash point of -12°C (10°F).

Section 6 – Accidental Release Measures

Ventilate the area with fresh air. If material is released in bulk, collect as much material as possible using non-sparking tools. Clean up residue with absorbent material, place in a steel can and seal. Dispose of collected material as soon as possible according to local, state, and federal regulations.



Section 7 – Handling and Storage

Storage: *Keep away from sources of ignition such as sparks, open flame, static electricity, and pilot lights. Do not smoke in presence of the BioPlus+ wipe.* Keep from contact with oxidizing materials.

Storage Temperature: 10°C to 40°C (50°F to 104°F)

Store in a cool, dry, well-ventilated area. Store in approved flammables area. Keep out of the reach of children. Product should be discarded after the expiration date indicated on the label.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: Not applicable.

Personal Protective Equipment: None required.

Eyes: Avoid eye contact.

Skin: Not applicable.

Respiratory Protection: Not required under normal conditions. Avoid extended breathing of vapors.

Swallowing: Do not ingest.

Section 9 – Physical and Chemical Properties

Physical State: Solid applicator wipe with saturated liquid

Appearance: clear to amber

Odor: camphor-like

pH: not applicable

Vapor Pressure: 50 mm Hg @ 25°C (77°F)

Vapor Density: 3.5 (air=1)

Evaporation Rate: <1 (ether=1)

Viscosity: 1.5 mPas @ 22°C (71.6°F)

Boiling Point: > 83°C (181.4°F) @ 760 mm Hg

Freezing/ melting point: < 0°C (32°F)

Decomposition Temperature: Not available

Solubility: Not determined

Specific Gravity/ Density: 0.77 g/cm³

Section 10 – Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Ignition sources, excess heat, electrical sparks, static electricity, confined or oxygen-enriched environments.

Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases.



Hazardous Decomposition Products: Carbon monoxide and dioxide during combustion

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

BioPlus+ has been tested according to ISO-10993 for use on intact skin. BioPlus+ is positive with respect to cytotoxicity. Irritation and sensitization potential are not significant. Discontinue use if redness or irritation occurs.

Carcinogenicity: No components are listed under ACGIH, IARC, NTP, or CA Prop 65.

Section 12 – Ecological Information

No information available.

Section 13 – Disposal Considerations

Used product should be disposed of as any similar type of medical waste.
Bulk disposal if required should be through a permitted hazardous waste incinerator.

Section 14 – Transport Information

Ship as a consumer commodity, ORM-D.

Section 15 – Regulatory Information

Chemicals in this product can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. None of the chemicals in this product are listed under California Prop 65.

Chemical Inventories: None of the chemicals are listed under TSCA Section 12b.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

Additional US Federal and State Regulations: Not normally required for use as directed.

Contact BioDerm for further information if required.

Section 16 – Other Information

HMIS Rating

Health Hazard: 0

Flammability: 3

Physical Hazard: 0

NFPA Rating

Health Hazard: 0

Fire Hazard: 3

Reactivity Hazard: 0