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## Section 1 – Chemical Property and Company Identification

**SDS Name:** BioPlus+ Wipes

**Company Identification:** BioDerm, Inc.  
12320 73<sup>rd</sup> Court N  
Largo, FL 33773

**For Information, call:** (800) 373-7006

**Emergency Number:** (800) 373-7006

**Product Use:** Skin protectant barrier film.

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## 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 the BioPlus+ wipe.*

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 causes 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.

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### Section 3 – Composition, Information on Ingredients

<b>Ingredient</b>	<b>%</b>	<b>CAS #</b>
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

All ingredients are cosmetic grade and meet the requirements of ISO-10993-12009 “Biological Evaluation of Medical Devices”

BioPlus+ wipes are not manufactured with natural rubber latex and are phthalate-free. Liquid is saturated onto a wipe applicator. There is no free-flowing liquid.

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#### Emergency Overview

### 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.

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### Section 5 – Fire Fighting Measures

**Autoignition Temperature:** 415 deg C (779 deg F)

**Flash point:** -12 deg C (10 deg 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 deg C.

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## 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.

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## 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.*

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.

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## 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.

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## 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 @ 25C

**Vapor Density:** 3.5 (air=1)

**Evaporation Rate:** <1 (ether=1)

**Viscosity:** 1.5 mPas 22 deg C

**Boiling Point:** > 83 deg C @ 760 mm Hg  
**Freezing/ melting point:** < 0 deg C  
**Decomposition Temperature:** Not available  
**Solubility:** Not determined  
**Specific Gravity/ Density:** 0.77 g/ cm<sup>3</sup>

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## 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

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## Section 11 – Toxicological Information

BioPlus+ has been tested according to ISO-10993 for use on intact skin and meets all requirements. BioPlus+ is negative 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.

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## Section 12 – Ecological Information

No information available

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## 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.

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## Section 14 – Transport Information

Ship as a consumer commodity, ORM-D

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## 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.

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