



Medifil™ II Particles

MATERIAL SAFETY DATA SHEET

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|--|---|
| Material Safety Data Sheet | U.S. Department of Labor |
| May Be used to comply with | Occupational Safety and Health Administration |
| OSHA's Hazard Communication Standard | (Non-Mandatory Form) |
| 29 CFR 1910.1200. Standard must be consulted for specific requirements. | Form Approved OMB No. 1218-0072 |

| | |
|---|---|
| Identity (as used on Label and List) Medifil™ II Particles | Note: Blank spaces are not permitted. If any Item is not applicable, or no information is available; the space must be marked to indicate that. |
|---|---|

Section I

| | |
|---|---|
| Manufacturer Name: Human Biosciences Inc | Emergency Telephone Number: 888-KOLLAGEN (565-5243) |
| Address (Number, Street, City, and Zip code) | 940 Clopper Road, Gaithersburg, MD 20878 |
| Date Prepared | 12/02/10 |
| Signature of Preparer (optional) | N/A |

Section II-- Hazardous Ingredients/ Identity Information

| Hazardous Components | OSHA PEL | ACHIH TLV | Other Limits Recommended | % (Opt) |
|--|-----------------|------------------|---------------------------------|----------------|
| Gly-X-Y Amino Acid repeat unit/ Type I collagen | N/A | N/A | N/A | N/A |

Section III-- Physical/Chemical Characteristics

| | | | | |
|--------------------------------|-----|---|-------|-------|
| Boiling Point | N/A | Specific Gravity (H2O= 1) | 0.1 | 0.1 |
| Vapor Pressure (mm Hg.) | N/A | Melting Point | 120°F | 120°F |
| Vapor Density (AIR=1) | N/A | Evaporation Rate (Butyl Acetate=1) | N/A | N/A |

Soluble in Water : Insoluble

Appearance and Odor: White to Yellowish Color, Odorless

Section IV-- Fire and Explosion Hazard Data

| | | | | | |
|---|------|--|-----------------------|-----|-----|
| Flash Mount (Method Used) | None | | Flammable Limits: N/A | LEL | UEL |
| Extinguishing Media: | N/A | | | | |
| Special Fire Fighting Procedures: | None | | | | |
| Unusual Fire and Explosion Hazards | None | | | | |

Section V

| | | | | | |
|--|----------------|--|---|---------------------|------|
| Stability | Unstable | | | Conditions to Avoid | None |
| | Stable | | X | | |
| Incompatibility (Materials to Avoid) | None | | | | |
| Hazardous Decomposition or Byproducts | None | | | | |
| Hazardous Polymerization | May Occur | | | Conditions to Avoid | None |
| | Will not Occur | | X | | |

Section VI--Health Hazard Data

| | | | |
|---|-------------|---|-----------------|
| Route(s) of entry: | Inhalation? | Skin? | Ingestion? |
| | No | Yes | Yes |
| Health Hazards (Acute and Chronic) None | | | |
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| | No | No | N/A |
| Signs and Symptoms of Exposure | | N/A | |
| Medical Conditions Generally Aggravated by Exposure: | | N/A | |
| Emergency and First Aid Procedures: | | In the event that product comes in contact with the eyes, flush eye area with water thoroughly. | |

Section VII--Precautions for Safe Handling and Use

| | | | | | |
|--|----------------------|--|--|----------------|-----|
| Steps to Be Taken in Case Material is Released or Spilled | | Material should be discarded | | | |
| Waste Disposal Method | | <i>Standard disposal methods as per local guidelines for non-toxic and non-hazardous materials</i> | | | |
| Local Guidelines For Non-toxic And Non-hazardous Materials. | | | | | |
| Precautions to Be Taken in Handling and Storing: | | <i>Store in cool dry place. Do not refrigerate. Favorable storage temperatures: 50 °F to 80 °F</i> | | | |
| Other Precautions | | None | | | |
| Section VIII--Control Measures | | | | | |
| Respiratory Protection (Specific Type) | | None | | | |
| Hazardous Polymerization | Local Exhaust | N/A | | Special | N/A |
| | Mechanical (General) | N/A | | Other | N/A |
| Protective Gloves | NO | N/A | | Eye Protection | NO |
| Other Protective Clothing or Equipment | | None | | | |
| Work/Hygienic | | N/A | | | |