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SECTION 1: IDENTIFICATION

Effective Date: 12/17/97
Product Name: **BIOTIN**
Common Name: Vitamin H
Chemical Formula: C₁₀H₁₆N₂O₃S
CAS No.: 58-85-5

SECTION 2: HAZARDOUS INGREDIENTS:

Very slightly to slightly dangerous in case of skin and eye contact (irritant), or ingestion, of inhalation

SECTION 3: PHYSICAL DATA

Appearance and Odor:	solid
Boiling point:(760 mmHg):	decomposes
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water:(by weight)	n/a
Melting Point:	232.5°C (450.5°F)
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	n/a
Flammable limit:	n/a
Flammability:	combustible
Extinguishing Media:	Use dry chemical, CO ₂ , water spray, or foam. Do not use water jet.
Unusual Fire and Explosion Hazards:	n/a

SECTION 5: REACTIVITY DATA

Stable <u> X </u>	Unstable <u> </u>
Conditions to Avoid:	n/a
Incompatibilities: material	No information available regarding reactivity of in presence of various other materials.
Hazardous Decomposition or byproducts:	Carbon oxide and nitrogen oxides
Hazardous Polymerization:	no

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV):	n/a
Toxicity:	
Oral LD50 (rat):	n/a
Route of Entry:	ingestion

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Use appropriate tools to put spilled solid in convenient waste disposal container. Finish cleaning by spreading water on contaminated surface and dispose of according to local and regional authority requirements.

Disposal: Recycle to process, if possible. Consult your local or regional authorities.

SECTION 8: FIRST AID PROCEDURES

Eyes: No known effect on eye contact, rinse with water for a few minutes
Skin: Remove contaminated clothes. Place victim under deluge shower. Wash contaminated skin with running water and non-abrasive soap. Cover irritated skin with emollient
Inhalation: Allow victim to rest in well ventilated area. Seek medical attention
Ingestion: Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit won't reenter mouth and throat. Never give unconscious person anything to eat. Seek medical attention.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Keep away from heat and sources of ignition. Keep in a cool, well ventilated, dry place. Ground all equipment containing material. Do not breathe dust. Evaporate empty container residue under a fume hood.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.
Eye Protection: safety glasses
Protective Gloves: in case of large spill
Respiratory Protection:
Other Protective Gear: lab coat

SECTION 11: TRANSPORT INFORMATION

DOT classification: not regulated