

D-BIOTIN (VITAMIN H)

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: D- BIOTIN (VITAMIN H)
Product Code: CM 23118
CAS#: 58-85-5
Synonym: Not available
Chemical Name: Not available Chemical
Formula: $C_{10}H_{16}N_2O_3S$

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Substances
Synonyms: Not available
Formula: $C_{10}H_{16}N_2O_3S$
Molecular Weight: 244.31
CAS-No. : 58-85-5
EC-No. : Not available

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 : not a hazards substance or mixture.
Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not a hazards substance or mixture.

SECTION 4: FIRST AID MEASURES

Description of first aid measures- General advice Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled- Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin- contact Wash off with soap and plenty of water. Consult a physician.
In case of eye contact- Flush eyes with water as a precaution.
If swallowed- Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delay -No data available
Indication of any immediate medical attention and special treatment needed- not available

SECTION 5: FIRE AND EXPLOSION DATA

Extinguishing media
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture: Carbon oxides, nitrogen oxides (NOx)
Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.



Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Specific end use(s) A part from the uses: no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	:	White powder
Odor	:	Not available
Taste	:	Not available
Molecular Weight	:	Not available
Color	:	Not available
pH (10% soln/water)	:	Not available
Boiling Point	:	Not available
Melting Point	:	Not available
Critical Temperature	:	Not available
Specific Gravity	:	Not available
Vapor Pressure	:	Not available
Vapor Density	:	Not available
Volatility	:	Not available
Odor Threshold	:	Not available
Water/Oil Dist. Coeff.	:	Not available
Iconicity (in Water)	:	Not available
Dispersion Properties	:	Not available
Solubility	:	Not available



