



Mevastatin - MATERIAL SAFETY

DATA SHEET

Version 2.0

Revision Date 09/01/2010

1. SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

Product Name	Mevastatin
Product Number	M004
Procedure	Mevastatin from <i>Penicillium citrinum</i> .
Brand	TOKU-E
Company	715 W. Orchard Drive Suite 3 Bellingham, WA 98225
EMERGENCY PHONE (US only)	+1-800-535-5053
INF	+86-21-5206 9530

2. CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CAS NO.	73573-88-3
Formula	C ₂₃ H ₃₄ O ₅
Molecular Weight	390.51

3. HAZARD IDENTIFICATION

Label precautionary statements	No data available.
Target organ(s)	No data available.

In case of accident or if you feel unwell, seek medical advice immediately (show label when possible).
Wear suitable protective clothing, gloves and eye/face protection.

4. FIRST-AID MEASURES

In case of eye and skin contact

Wash off with soap and plenty of water. Consult a physician.
Flush eyes with water as a precaution.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Others

Wash all contaminated clothing before reuse.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Unusual fire and explosion hazards

Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Avoid dust formation.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: 2 - 8 °C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Personal protective equipment**

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).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses.

Hygiene measures

General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
pH	N/A
Melting point	151 °C
Solubility	N/A

10. STABILITY AND REACTIVITY**Storage stability**

Stable.

Materials to avoid

Avoid strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions - Carbon oxides.

Hazardous polymerization products

Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION**Potential Health Effects**

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Toxicity data:

no data available

Chronic exposure

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in trees for complete information.

12. ECOLOGICAL INFORMATION

Data not yet available.

13. DISPOSAL CONSIDERATIONS

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

15. REGULATORY INFORMATION

Labelling according to EC Directives

Caution - substance not yet tested completely.

16. OTHER INFORMATION**Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Toku-e Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.