



MATERIAL SAFETY DATA SHEET

Section 1- Product and Company Information

Ingredient name : Imipenem / cilastatin sodium
Product Identification : Bioanalyse Antimicrobial Susceptibility Testing Disc
Catalog Number : ASD04520
Manufacturer : Bioanalyse Tibbi Malzemeler Sanayi ve Ticaret Ltd. Sti.
Address : Ivedik OSB,
Agac Isleri, 1377. Sokak No. 5,
Yenimahalle – 06378, Ankara / TURKEY
Phone : +90 312 395 8870 (PBX)
Fax : +90 312 395 8866

Section 2- Composition / Information on Ingredients

Chemical Characterization:

This product consists of a mixture with the generic listed below and some other substances with no hazardous additions.

CAS Number : 74431-23-5/ 81129-83-1

EINECS Number : --- / EC# 279-694-4

Section 3- Hazards Identification

Hazard Overview: This product is not classified as hazardous. This product is for laboratory use only and should not be taken internally. People who are known to have suspected allergies to antibiotics can be irritated if discs contact with skin.

Hazard Rating: Health – 0
Fire – 0
Reactivity – 0

Section 4- First Aid Measures

Skin Contact : Wash thoroughly with soap and water. In case of irritation, consult a physician.
Eye Contact : Wash thoroughly with soap and water. In case of irradiation, consult a physician.
Ingestion : Wash out mouth with plenty of water and consult a physician.

Inhalation : Obtain medical treatment in any case of problem.

Section 5- Fire Fighting Measures

Suitable Extinguishing Media : Water spray, appropriate foam carbon dioxide or dry chemical powder.

Protective Equipment : In case of any need use only approved respirator or equivalent.

Section 6- Accidental Release Measures

Personal Precautions : Do not handle directly; use disposable gloves to pick up.

Methods for clean up : No special instrument needed. Sweep into suitable containers and dispose with normal laboratory trash.

Section 7- Handling and Storage

Safe Handling : Do not handle discs directly. Use a disc dispenser or forceps. Do not breathe dust. Avoid contact with eyes, skin and clothing. Since the products have been stored together with silica gel as a desiccant, they may cause irritation.

Storage : Store at – 20 to +8°C in refrigerator or freezer and keep in the sealed containers provided.

Section 8- Exposure Control and Personal Protection

Engineering Controls :

Ventilation : Not required under normal laboratory conditions.

Personal Protective Equipment :

Respiratory Protection : Not required under normal laboratory conditions. Persons allergic to generic powder should wear an approved mask or use the discs in a well-ventilated atmosphere.

Hands : Disposable chemical resistant gloves. Wash thoroughly after handling.

Eyes : Not required under normal laboratory conditions.

Body : Lab coats

Section 9- Physical and Chemical Properties

Physical State : Paper discs printed with code, impregnated with antimicrobial or chemical reagents/substrates. Discs are contained in a plastic cartridge tube and packed in sealed foil bags with desiccant. Each cartridge contains 50 (fifty) discs.

Color : White powder

Odor : Odorless

Section 10- Stability and Reactivity

Stability : Stable

Materials to be avoided : No dangerous reactions known

Stability conditions to avoid : Temperatures over +8°C or below -20°C

Hazardous decompositions products : No dangerous decomposition products known

Section 11- Toxicological Information

Acute Toxicity : Low

Effects of skin contact : Probability of allergic sensitization

Effects of eye contact : Dust with generic powder and/or silica gel may irritate eyes.

Effects of ingestion : Ingestion of large amounts may cause nausea, vomiting, headaches and dizziness.

Effects of inhalation : Dust with generic powder and/or silica gel may irritate respiratory tract.

Section 12- Ecological Information

Ecotoxicity : Not determined

Section 13- Disposal Considerations

Waste disposal : May be disposed of with normal laboratory trash in accordance with applicable state regulations.

Container information : Containers should be cleaned by proper technique and then can be reused or disposed.

Section 14- Transport Information

UN / NA Number : Not classified
DOT Classification : Not a DOT controlled material (US)
ADR/RID Classification : Not controlled under ADR (Europe)

Section 15- Regulatory Information

Warning Label Text :

Indication of Hazard : None
Risk Statements : None
Safety Statements : None

Carcinogenicity :

IARC : No
OSHA : No (US)

Section 16- Other Information

The above information, to the best of our knowledge, is accurate. Bioanalyse takes no responsibility for the precision of the information stated above. Final determination of suitability of any material is the only liability of the user. All materials may present unknown hazards and should be used with caution. Although definite hazards may be explained, we cannot guarantee that these are the only hazards that exist.