

MATERIAL SAFETY DATA SHEET

Referency
MSDS-7-
AAD

Revision Number
2

Last Revision
date:
20-10-15

Page number:
Page 1 of 2

1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: 7-aminoactinomycin D (7-AAD)

Manufacturer / Supplier: IMMUNOSTEP, S.L.
Avd. Universidad de Coimbra, s/n.
Centro de Investigación del Cáncer
(CIC)
Campus Miguel de Unamuno 37007 Salamanca-Spain
Tfno/Fax: +34 923294827

Information relative to Technical Services: tech@immunostep.com

Emergency Information: +34915620420 // Instituto Nacional de Toxicología. Madrid.

2. INFORMATION ABOUT COMPONENTS

2.1. Description:

7-AAD in PBS and 0,09% NaN₃

2.2. hazardous ingredients:

COMPONENT	Num.- CAS	MOLECULAR WEIGHT	% w/v
7-AMINOACTINOMYCIN D (7-AAD)	7240-37-1	1270.43	<0,01
SODIUM AZIDE (NaN ₃)	26628-22-8	65.0099	>0,09

Buffered aqueous solution, with components that are below the regulatory threshold limits according EC No 1272/2008

3. HAZARDS IDENTIFICATION

Code Letter, hazard designation & symbol: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.



Risk phrases associated to the product: 36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases associated to the product:

- S23: Do not breathe gas/fumes/vapour/spray
- S26: In case of eye contact, immediately wash with water.
- S37: Wear suitable gloves.
- S60: This material and its container must be disposed of as hazardous waste.

- Relevant phrases H317 Causes skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- R36/37/38 Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Eyes: Flush with copious amounts of water for at least 15 minutes. Seek medical attention if discomfort persists.

Skin: Immediately wash with warm, running water.

Inhaled: Remove to fresh air.

Ingested: Immediately wash mouth with plenty of water. Contact with doctor.

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Page number:
Page 1 of 2

5. FIRE FIGHTING MEASURES

Extinguishing media:	<ul style="list-style-type: none"> Water spray Carbon dioxide, dry chemical powder or appropriate foam
Special firefighting procedures:	<ul style="list-style-type: none"> Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual fire and explosions hazards:	<ul style="list-style-type: none"> The following toxic vapors are formed when this material is heated to decomposition: hydrogen chloride, oxides of nitrogen and sulfur

6. ACCIDENTAL RELEASE MEASURES

- Wear protective equipment, such as gloves and safety glasses when cleaning-up spills.
- Absorb with liquid-binding material and placed in closed containers for disposal

7. HANDLING AND STORAGE

7.1. Handling precautions.

- Avoid inhaling, ingestion and contact with eyes and skin.

7.2. Storage:

Store container at 2-8°. Protect from the light.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace.

Engineering controls: Use in well ventilated area.

Respiratory protection: Not required.

Eye protection: Safety glasses

Body protection: Protective work clothing; impervious gloves, such a latex or equivalent, should be worn to prevent skin contact





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Page 1 of 2

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Pink
Odour:	Odourless
Change in condition	Melting point: Not determined Boiling point: Not determined
Flash point:	Not applicable
Flammability and danger of explosion:	Not applicable
Vapour pressure:	Not available
Density:	Not determined
Solubility in water:	Soluble
pH:	Not determined

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal temperatures and pressures
Thermal decomposition: No decomposition if used according instructions.
Hazardous reactions: no dangerous reactions known
Incompatible materials: not determined

11. TOXICOLOGICAL INFORMATION


Acute toxicity for hazardous ingredients:	May cause skin and eye irritation May be harmful if absorbed through the skin. May cause irritations to mucous membranes and upper respiratory tract. May be harmful if swallowed
Potential effects of chronic exposure:	Have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Generally not hazardous for water. Do not dispose via sewage system.

13. DISPOSAL CONSIDERATIONS

Recommendation:	Observe all state and local environmental regulations.
Uncleaned packagings:	<ul style="list-style-type: none">• Recommendation: Disposal must be according to state and local regulations.• Recommended cleansing agent: Water, if necessary with cleansing agents.

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14. TRANSPORT INFORMATION

RID /ADR:	Non-hazardous for road transport.
IMDG:	Non-hazardous for sea transport.
ICAO/IATA:	Non-hazardous for air transport.

15. OTHER INFORMATION

The above information represents the best information currently available for us. However this reagent may present unknown hazards and should be used with caution. Independent professional opinions regarding the risk or exposure to this solution are the responsibility of the user.

