

# SAFETY DATA SHEET

According to GHS / Regulation (EC) No 1272/2008

Decode Peptides  
decodepeptides.com

## SECTION 1: IDENTIFICATION

<b>Product Name:</b>	NAD+ (Nicotinamide Adenine Dinucleotide) 100mg
<b>CAS Number:</b>	53-84-9
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>
<b>Molecular Weight:</b>	663.43 g/mol
<b>Intended Use:</b>	In vitro research only. Not for human or veterinary use.
<b>Supplier:</b>	Decode Peptides GesbR   decodepeptides.com   office@decodepeptides.at

## SECTION 2: HAZARD IDENTIFICATION

<b>GHS Classification:</b>	Not classified as hazardous under GHS. Research compound "not for human use."
<b>Signal Word:</b>	None (not classified as hazardous)
<b>Hazard Statements:</b>	Not applicable under current classification.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<b>Substance:</b>	NAD+ (Nicotinamide Adenine Dinucleotide) 100mg
<b>CAS:</b>	53-84-9
<b>Purity:</b>	≥99% (HPLC)
<b>Appearance:</b>	White to off-white lyophilized powder

## SECTION 4: FIRST AID MEASURES

<b>First Aid:</b>	Skin/Eye: Rinse with water. Ingestion: Rinse mouth, seek advice if large quantities.
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## SECTION 5: FIRE-FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use media appropriate to surrounding fire (CO <sub>2</sub> , dry powder, water fog).
<b>Special Hazards:</b>	Non-flammable. No special fire hazards known.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Wear gloves and eye protection. Avoid inhalation of dust.
<b>Clean-Up Methods:</b>	Collect spilled material into a sealed container. Dispose per Section 13.

## SECTION 7: HANDLING AND STORAGE

<b>Handling:</b>	Gloves and eye protection. Protect from light and humidity.
<b>Storage:</b>	-20 °C. Protect from light and moisture.
<b>Solubility:</b>	Freely soluble in water (≥100 mg/mL)



**Engineering Controls:**

Use in a well-ventilated laboratory. Fume hood recommended for reconstitution.

**Hand Protection:**

Nitrile or latex gloves.

**Eye Protection:**

Safety glasses or goggles.

**Respiratory:**

Not required under normal use. Use dust mask if powder is aerosolized.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid (lyophilized powder)
<b>Colour:</b>	White to off-white
<b>Odour:</b>	Odourless
<b>Melting Point:</b>	Not determined
<b>Flash Point:</b>	Not applicable
<b>Solubility:</b>	Freely soluble in water (â‰¥100 mg/mL)

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Heat, moisture, repeated freeze-thaw cycles, direct sunlight.
<b>Hazardous Products:</b>	None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not fully established. Handle as potentially biologically active.
<b>Skin/Eye:</b>	May cause mild irritation on prolonged contact.
<b>Note:</b>	For research use only. No clinical toxicity data available.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available. Assumed low environmental risk at research quantities.
<b>Biodegradability:</b>	Expected to be biodegradable (peptide bonds).

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste Disposal:</b>	Dispose according to local regulations.
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## SECTION 14: TRANSPORT INFORMATION

<b>Transport Classification:</b>	Not classified as dangerous goods.
<b>Packing Group:</b>	Not applicable.

## SECTION 15: REGULATORY INFORMATION

<b>EU Regulation:</b>	This substance is not listed as a hazardous substance under Regulation (EC) No 1272/2008.
<b>Research Use:</b>	This product is supplied for research purposes only in accordance with applicable law.

## SECTION 16: OTHER INFORMATION

<b>Prepared By:</b>	Decode Peptides Quality Department
<b>Date of Issue:</b>	2026-06-04
<b>Emergency Line:</b>	+49 (0) 30 30686 790 (BfR, Germany)

**Disclaimer:**

This SDS is provided for research and safety purposes. The information is believed to be accurate but does not constitute a warranty. The product is for in vitro research only and is not intended for therapeutic, diagnostic, or human use.





