

SAFETY DATA SHEET



Humco Holding Group, Inc.
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Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: NICOTINAMIDE ADENINE DINUCLEOTIDE

SDS NO. 8131

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Nicotinamide Adenine Dinucleotide (NAD)

Synonyms: Nadide

Beta-Nicotinamide adenine Dinucleotide

Recommended Use:

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2. HAZARD IDENTIFICATION

Pictogram:	None required
Classification:	Not Classified
Signal Word:	None required,
Hazard Statements:	Not required

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD)	53-84-9
NADINE	
BETA-NICOTINAMIDE ADENINE DINUCLEOTIDE	
EC NUMBER: 200-184-4	

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Allow victim to rest in well-ventilated area. Get medical attention
Ingestion	Not determined	Do not induce vomiting. Seek immediate medical attention if unconscious or irritation persists. Do not give anything by mouth to a person who is not fully conscious.
Skin	Slight skin irritation.	Flush thoroughly with water. If irritation persists, consult physician.
Eyes	Not determined	Flush thoroughly with water. If irritation persists, consult physician.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not Determined
Auto Ignition:	Not Determined
Extinguishing Media:	Water, Dry Foam, Carbon Dioxide
Products of Combustion:	Carbon Monoxide or Carbon Dioxide
Fire Fighting Equipment and Procedures:	Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label instructions. Avoid contact with eyes.
Environmental Precautions:	Do not allow to enter into sewers/surface or ground water
Method of Containment:	Absorb spilled material in suitable inert material.
Method for Clean-Up:	Absorb with inert material and dispose in appropriate waste disposal. Complete cleaning by mopping area.

7. HANDLING AND STORAGE

Handling:	Keep in closed containers/Prevent formation of dust.
Storage:	Store in tightly sealed original container preferably in a well-ventilated temperature controlled environment.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Goggles
Skin Protection:	Gloves
Respiratory Protection	Well-ventilated area
General Hygiene Considerations:	Always follow good hygienic practices. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White Powder	Upper/Lower Flammability:	Not Determined
Odor:	Odorless	Vapor Pressure	Not Determined
Odor Threshold:	Not Determined	Vapor Density:	Not Determined
pH:	Not applicable	Relative Density:	Not Determined
Melting point /Freezing Point:	140-142°C (284-288 °F)	Solubilities:	Not Determined
Boiling point/range:	Not Determined	Partition coefficient: n-octanol/water:	Not Determined
Flash point	Not applicable	Auto-ignition temperature	Not Determined
Evaporation rate	Not Determined	Decomposition Temperature:	Not Determined
Flammability:	Product is not flammable	Viscosity	Not Determined

10. STABILITY AND REACTIVITY

Reactivity:	No further relevant information available
Chemical Stability:	No decomposition if used according to specifications
Possibility of Hazardous reactions:	No dangerous reactions known
Conditions to Avoid:	No further relevant information available
Incompatible materials:	No further relevant information available
Hazardous Decomposition Products:	No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Based on available data, the classification criteria are not met
Skin irritation:	Based on available data, the classification criteria are not met
Eye contact damage:	Based on available data, the classification criteria are not met
Respiratory damage:	Based on available data, the classification criteria are not met
Ingestion overdose:	Based on available data, the classification criteria are not met
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	Not Determined
Symptoms associated with exposure:	Not Determined
Carcinogenicity:	
OSHA:	Substance is not listed
NTP:	Substance is not listed
IARC:	Substance is not listed

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not Determined
Chemical degradation:	Not Determined
Biodegradation:	Not Determined
Bioaccumulation potential	Not Determined
Adsorption studies or leaching studies:	Not Determined
Other adverse effects	Not Determined

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Non-Hazardous
UN number:	Not Applicable
UN proper shipping name:	Not Applicable
Transport hazard class(es):	Not Applicable
Packing group number:	Not Applicable
Environmental hazards:	Not Applicable
Special precautions:	Not Applicable

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

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