



Health	2
Fire	1
Reactivity	0
Personal Protection	E

Safety Data Sheet ANEVIS TM

Section 1: Chemical Product and Company Identification

Product Name: ANEVIS TM	Contact Information: QualiTech, Inc. 318 Lake Hazeltine Drive Chaska, MN 55318 Phone: 1-800-328-5870
Product Code: 7104	
CAS #: Not applicable.	
RTECS: Not available.	
TSCA: TSCA Not available.	
IFN #: Not Applicable	
Synonym: Rumen-protected Niacin	
Chemical Name: Not available.	24 hr Emergency Phone: Infotrack (800) 535-5053
Chemical Formula:	

Section 2: Hazards Identification

Potential Acute Health Effects:	Very hazardous in case of skin and eye contact (irritant). Hazardous in case of ingestion.
Potential Chronic Health Effects:	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenic Effects:	Not available
Teratogenic Effects:	Not available

Section 3: Composition and information on Ingredients

Composition:

Name	CAS #	% by Weight
Niacin	59-67-6	70
Vegetable-based lipids	N/A	0-30
Calcium fatty acid salts	N/A	0-20

Toxicological Data on Ingredients: Niacin

Section 4: First Aid Measures

Eye Contact:	Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes, keeping eyelids open. Do not use ointment. Seek medical attention.
Skin Contact:	Wash immediately with water. Gently and thoroughly wash contaminated skin with running water and non-abrasive soap, cleaning all folds and creases, and groin. Cover with emollient. Seek medical attention. Wash clothing before re-using.
Serious Skin Contact:	Wash with a disinfectant soap, cover with anti-bacterial cream. Seek medical attention.
Inhalation:	Allow victim to rest in a well ventilated area. Seek immediate medical attention.
Serious Inhalation:	Not available.
Ingestion:	Do not induce vomiting. If victim is not breathing administer artificial respiration. Call physician and Poison Control Center immediately.

Serious Ingestion: Not available.

Section 5: Firefighting Measures

Suitable Extinguishing Media: SMALL FIRE: Use dry chemical. LARGE FIRE: Use water spray, fog, foam. Do not use water jet.

Unsuitable Extinguishing Media: Straight stream water (water jet).

Risks Associated with Unsuitable Extinguishing Media: Spread of media and fire.

Flammability of Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Carbon and nitrogen oxides.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances: Not available.

Risk of Explosion in Presence of Mechanical Impact: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Wear positive pressure self contained breathing apparatus and goggles. Avoid exposure to smoke/fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measure

Personal Protective Equipment Required:
Splash goggles, dust respirator, suitable protective clothing, impervious gloves.

Emergency Procedures:
Not available.

Environmental Precautions:
Not available.

Small Spill Cleanup:
Use appropriate tools to put spilled solid in a conventional waste disposal container.

Large Spill Cleanup:
Use appropriate tools to put spilled solid in a conventional waste disposal container.

Section 7: Handling and Storage

Precautions for Safe Handling:
Do not ingest. Do not breathe dust. Wear suitable protective clothing. Keep away from heat/sources of ignition. Empty containers pose a fire risk. Evaporate residue under fume hood.

Safe Storage Conditions:
Keep in a cool, dry place. Ground all equipment. Keep tightly closed in a well ventilated area.

Storage Incompatibilities:
Extreme heat, sources of ignition, strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Control Parameters:	PEL (TWA)	Not available.	REL:	Not available.
	TLV (TWA)	Not available.	IOELV:	Not available.

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Personal Protection:

Splash goggles, dust respirator, full suit, boots, impervious gloves.

Personal Protection in the Event of a Large Spill:

Splash goggles, dust respirator, full suit, boots, impervious gloves.

Section 9: Physical and Chemical Properties

Physical State and Appearance:	Pelleted Solid
Taste:	Not available.
Molecular Weight:	Not available.
Color:	White
Odor:	Odorless.
Odor Threshold:	Not applicable.
pH	Not available.
Melting Point/Freezing Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability (solid, gas):	Not available.
Upper/Lower Flammability or Explosive Limits:	Not available.
Specific Gravity:	1.467 g/cm ³ at 20°C
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Solubility (ies):	Water 15g/L at 20°C; 150g/L at 100°C
Partition Coefficient (n-octanol/water):	Not available.
Autoignition Temperature:	Not available.
Decomposition Temperature:	Not available.

Section 10: Stability and Reactivity

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Excess heat, ignition source, moisture.
Special Remarks on Reactivity:	Ground all equipment containing material.
Corrosivity:	Not available.
Polymerization:	Will not occur.
Incompatible Materials:	Not available.
Hazardous Decomposition Products:	Not available.

Section 11: Toxicological Information

Routes of Entry:	Inhalation. Ingestion. Skin Contact.
Toxicity to Animals:	Not available.
Acute Effects on Humans:	Not available.
Chronic Effects on Humans:	Not available.
Other Toxic Effects on Humans:	

Acute oral toxicity (LD50): 7000 mb/kg [Rat].

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Acute Effects on Humans:
Very hazardous in case of skin and eye contact (irritant) Hazardous in case of ingestion.

Special Remarks on Chronic Effects on Humans: Passes through the placental barrier in human.

Special Remarks on Other Toxic Effects on Humans: Passes through the placental barrier in human.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD 5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous in short term degradation products are not likely, however long term degradation products may arise. The products of degradation are more toxic.

Persistence and Degradability: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: Not available.

Section 13: Disposal Considerations

Waste Disposal: Dispose of product in accordance with all applicable laws and regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Niacin

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications: Not available.

WHMIS (Canada): CLASS D-2B: Material causing other toxic effect is (TOXIC).

DSCL (EEC): R22-Harmful if swallowed. R36/38-Irritating to eyes and skin. R41-Risk of serious damage to eyes.

Protective Equipment: Splash goggles, dust respirator, suitable protective clothing, impervious

HMIS (U.S.A)	
Health Hazard:	2
Fire Hazard	1
Reactivity:	0
Personal Protection:	E

NFPA (U.S.A)	
Health:	2
Flammability:	1
Reactivity:	0
Specific Hazard:	N/A

Section 16: Other Information

References: The Sigma-Aldrich Library of Chemical Safety Data, Edition III

Other Special Considerations: Not available.

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