

SAFETY DATA SHEET

SECTION 1: Identification of the Substance / mixture and of the company / undertaking

1.1 Product identifiers

Product name NMAN®
Product Code HL0001

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Animal Feed

1.3 Details of the supplier of the safety data sheet

Company Hatch.Life LLC.
25 MADICO DRIVE
COMER, 30629
UNITED STATES
Telephone +1 706 783 8125

1.4 Emergency Phone # +1 706 783 8125

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

2.3 Hazards not otherwise classified (HNOC) or not covered by GHA - none

SECTION 3: Composition/information on ingredients

3.1 Substances

Composition PURIFIED WATER, CANOLA OIL, STARCH PRODUCTS, CEREAL FOOD FINES, SUGAR FOODS, POTASSIUM SORBATE, SODIUM CITRATE, L ASCORBIC ACID, SODIUM ASCORBATE, VITAMIN A, VITAMIN D3, VITAMIN E, NIACIN, VITAMIN B12, RIBOFLAVIN 5 PHOSPHATE, CALCIUM D-PANTOTHENATE, PYRIDOXINE HCl, THIAMINE HCl, INOSITOL, BETAINE HCl, FOLIC ACID, VITAMIN K, BIOTIN, PARA AMINOBENZOIC ACID, FD&C YELLOW NO. 5, FD&C BLUE NO. 1, SODIUM BENZOATE.*

*The specific chemical concentration is being withheld as a trade secret

CAS-No. NA

SECTION 4: First aid measures

4.1 Description of first-aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration

In case of skin contact

Wash off with soap and plenty of water

In case of eye contact

Flush eyes with water as a precaution

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water

4.2 Most important symptoms and effects, both acute and delayed

The most importance and known symptoms and effect are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known

5.3 Advice of firefighters

Wear self-contained breathing apparatus or firefighting if necessary

5.4 Further information

No data available

SECTION 6: Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

No Special environmental precautions required

- 6.3 Methods and materials for containment and cleaning up**
Sweep up and shovel. Keep in suitable, closed containers for disposal
- 6.4 Reference to other sections**
For disposal see section 13
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SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**
Further processing or solid materials may result in the formation of combustible dusts. The potential for combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2
- 7.2 Conditions of safe storage, including any compatibilities**
Keep container tightly closed in a dry well-ventilated place.

Keep in a dry place
Storage class (TRGS 510): Non Combustible Solids.
- 7.3 Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
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SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**

Ingredients with workplace control parameters
Contains no substance with occupational exposure limit values.
- 8.2 Exposure controls**

Appropriate engineering controls
General industrial hygiene practice.
- Personal protective equipment**

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- Skin protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with the product. Dispose of contaminated gloves after use in

accordance with applicable laws and good manufacturing practices. Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

Respiratory protection is not required. Where protection from Nuisance level of dusts are required, use type N95 (US) or type P1(EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control or environmental exposure

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form – Solid Gel; Color – green
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (Solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
n) Water solubility	Soluble
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

- 10.2 Chemical stability**
Stable under recommended storage conditions
- 10.3 Possibility of hazardous reactions**
No data available
- 10.4 Conditions to avoid**
No data available
- 10.5 Incompatible materials**
Strong oxidizing agents
- 10.6 Hazardous decomposition products**
Hazardous decomposition products formed under fire conditions. Nature of composition products not known.
In the event of fire: see section 5
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SECTION 11: Toxicological Information

11.1 Information of toxicological effects

Acute toxicity

No data available
Inhalation: No data available
Dermal: No data available
No data available

Skin corrosion/irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No ingredient of the product at present levels greater than or equal to 0.1% is identified as portable, possible or confirmed human carcinogen by IARC.
NTP: No ingredient of the product at present levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No ingredient of the product at present levels greater than or equal to 0.1% is on OSHA's list or regulated carcinogens.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

SECTION 13: Disposal consideration

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licenced disposal company.

Contamination packaging

Dispose of as unused product

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMTG

Not dangerous goods

IATA

Not dangerous goods

Further Information

Not classified as dangerous in the meaning of transport regulations

SECTION 15: Regulatory information

SARA 302 Components

No Chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that

SARA 311/321 Hazards

No SARA Hazards

Massachusetts Right to Know Components

No components are subject

Pennsylvania Right to Know Components

PURIFIED WATER, CANOLA OIL, STARCH PRODUCTS, CEREAL FOOD FINES, SUGAR FOODS, POTASSIUM SORBATE, SODIUM CITRATE, L ASCORBIC ACID, SODIUM ASCORBATE, VITAMIN A, VITAMIN D3, VITAMIN E, NIACIN, VITAMIN B12, RIBOFLAVIN 5 PHOSPHATE, CALCIUM D-PANTOTHENATE, PYRIDOXINE HCl, THIAMINE HCl, INOSITOL, BETAINE HCl, FOLIC ACID, VITAMIN K, BIOTIN, PARA AMINOBENZOIC ACID, FD&C YELLOW NO. 5, FD&C BLUE NO. 1, SODIUM BENZOATE.

CAS-No. NA

New Jersey Right to Know Components

PURIFIED WATER, CANOLA OIL, STARCH PRODUCTS, CEREAL FOOD FINES, SUGAR FOODS, POTASSIUM SORBATE, SODIUM CITRATE, L ASCORBIC ACID, SODIUM ASCORBATE, VITAMIN A, VITAMIN D3, VITAMIN E, NIACIN, VITAMIN B12, RIBOFLAVIN 5 PHOSPHATE, CALCIUM D-PANTOTHENATE, PYRIDOXINE HCl, THIAMINE HCl, INOSITOL, BETAINE HCl, FOLIC ACID, VITAMIN K, BIOTIN, PARA AMINOBENZOIC ACID, FD&C YELLOW NO. 5, FD&C BLUE NO. 1, SODIUM BENZOATE.

CAS-No. NA

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16: Other information

Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Hatch.Life LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. Email info@hatch.life for additional terms and conditions of sale.

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