



Nutech Biosciences, Inc.
537 Fitch Street • Oneida, NY 13421
Work: 315-505-6500 • Cell: 315-251-4324
www.nutechbiosciences.com

Material Safety Data Sheet Mineralate-4 Chelate Blend (Amino Acid Chelates)

A. GENERAL INFORMATION

Product Name:

Mineralate-4 Chelate Blend

Chemical Name:

AAFCO definition #57.231

IFN 6-26-150

Zinc Amino Acid Chelate

Manganese Amino Acid Chelate

Copper Amino Acid Chelate

Cobalt Amino Acid Chelate

FORMULA:

Mixture/compound

CONTACT:

NuTech Biosciences, Inc.

537 Fitch Street

Oneida, NY 12421 USA

PHONE NUMBER:

+1-315-505-6500

ChemTrec

+1-800-424-9300

DATE OF ISSUE:

Feb 1, 2010

B. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT:

C.A.S NUMBER:

7733-02-0

PERMISSIBLE AIR CONCENTRATION:

N/A

C. FIRST AID MEASURES

INGESTION:

If large amounts are ingested, get medical attention, induce vomiting.

INHALATION:

Remove to fresh air or give oxygen.

EYE CONTACT:

If eye irritation exists, flush thoroughly with plain water.

SKIN CONTACT:

If skin irritation exists, wash with soap and water.

D. HAZARDS INFORMATION

HEALTH EFFECTS:

INHALATION:

May cause irritation of the nasal membranes and upper respiratory tract.

INGESTION:

Ingestion of large amounts may be harmful

SKIN:

Normally no harmful effects.

EYES:

Contact may cause irritation.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED:

Respiratory problems.

USUAL CHRONIC TOXICITY:

None.

FIRE AND EXPLOSION DATA:

FLASH POINT:

OPEN CUP CLOSED CUP

Non-flammable

AUTO IGNITION TEMPERATURE:

N/A

FLAMMABLE LIMITS IN AIR

(% BY VOL.):

N/A

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

Use NIOSH-MSHA approved dust respirator if irritation exists or if dust exceeds the nuisance level of 10 mg. per cubic meter.

EYES AND FACE:

HANDS, ARMS,

OTHER CLOTHING

Glasses, goggles, or Face shields are recommended if irritation exists

AND BODY:
No Irritation expected.

AND EQUIPMENT:
None.

F. PRECAUTIONS/ PROCEDURES:

FIRE EXTINGUISHING AGENTS RECOMMENDED: As appropriate for surrounding material.

FIRE EXTINGUISHING AGENTS TO AVOID:
None.

SPECIAL FIRE FIGHTING PRECAUTIONS:
None.

ENGINEERING CONTROLS:

Use containment and/or local exhaust ventilation to control dust

USUAL CHRONIC

TOXICITY:
None.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED:

Respiratory problems.

NORMAL HANDLING:

Avoid breathing dust. Maintain good housekeeping practices.

STORAGE:

Keep Dry.

SPILL OR LEAK:

Dry sweeping may be used.

SPECIAL PRECAUTIONS/ PROCEDURES/ LABEL INSTRUCTIONS:

Keep dry. Avoid contact with eyes. Avoid breathing dust.

Wash thoroughly after handling.

Keep dust to a minimum.

PERSONAL HYGIENE:

Good personal hygiene reduces the possibility of any irritations.

Washing clothing with a good detergent reduces the possibility of permanent stains.

G. PHYSICAL DATA

APPEARANCE AND ODOR:

Mineralate-4 Chelate Blend is light gray powder with no discernible odor.

MATERIAL IS (AT NORMAL CONDITIONS):

LIQUID GAS

SOLID

% VOLATILES BY VOLUME (At 20° C):

N/A

VAPOR PRESSURE

N/A

B.P. (°C)

N/A

SPECIFIC GRAVITY: (H₂O=1)

N/A

Ph

5-7

M.P. (°C)

N/A

H. REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

CONDITIONS TO

AVOID:

Keep dry to avoid mold.

INCOMPATIBILITY (MATERIALS TO

AVOID):

None.

HAZARDOUS

DECOMPOSITION

PRODUCTS: None.

HAZARDOUS

POLYMERIZATION:

MAY OCCUR

WILL NOT OCCUR

I. ENVIRONMENTAL

EPA HAZARDOUS SUBSTANCE?

YES NO

IF SO,

REPORTABLE

QUANTITY:

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS):

Landfill or maybe used as trace-mineral fertilizer in single applications not exceeding 40 lbs. per acre.

RCRA STATUS OF UNUSED MATERIAL:

Not listed

J. REFERENCES

PERMISSIBLE

CONCENTRATION:

REFERENCES:

N/A

HAZARD INFORMATION REFERENCES:

None. Use as directed on manufacturer's literature.

GENERAL:

K. ADDITIONAL INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. IT PROVIDES NO WARRANTIES, NEITHER EXPRESSED NOR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE DATA CONTAINED HEREIN.