Material Safety Data Sheet
Mineralate-Zn 20
(Zinc Amino Acid Chelate)

A. GENERAL INFORMATION
Product Name:
Mineralate Zinc 20
Chemical Name:
Zinc Amino Acid Chelate
AAFCO definition #57.231
IFN 6-26-150

FORMULA:
Mixture/compound

CONTACT:
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DATE OF ISSUE:
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B. HAZARDOUS INGREDIENTS
MATERIAL OR COMPONENT:
Zinc Sulfate Monohydrate
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:

INGESTION:
Ingestion of large amounts may be harmful

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

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:
N/A
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:
AND BODY:
AND EQUIPMENT:

Glasses, goggles, or Face shields are recommended if irritation exists
No Irritation expected.
None.
F. PRECAUTIONS/ PROCEDURES:

FIRE EXTINGUISHING AGENTS RECOMMENDED: As appropriate for surrounding material.

FIRE EXTINGUISHING AGENTS TO AVOID: None.

ENGINEERING CONTROLS:

Use containment and/or local exhaust ventilation to control dust.

NORMAL CONTROLLING CONDITIONS: Keep dry.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED:

Respiratory problems.

STORAGE:

SPILL OR LEAK:

Dry sweeping may be used. 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 Zinc20 is tan colored powder with no discernible odor.

MATERIAL IS (AT NORMAL CONDITIONS):

- LIQUID
- GAS
- SOLID

% VOLATILES BY VAPOR PRESSURE B.P. (°C) SPECIFIC GRAVITY: Ph

NORMAL VOLUME N/A N/A (H₂O=1) N/A

(At 20° C):

LIQUID GAS N/A M.P. (°C)

N/A

H. REACTIVITY DATA

STABILITY CONDITIONS TO INCOMPATIBILITY(MATERIALS TO AVOID):

- UNSTABLE AVOID: None.
- STABLE Keep dry to avoid mold.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION:

- MAY OCCUR
- WILL NOT OCCUR

I. ENVIRONMENTAL

EPA HAZARDOUS SUBSTANCE?

- YES
- NO

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 UNUSEDMATERIAL:

Not listed

J. REFERENCES

PERMISSIBLE CONCENTRATION:

HAZARD INFORMATION REFERENCES:

None. Use as directed on manufacturer’s literature.

GENERAL:

N/A

K. ADDITIONAL INFORMATION