

SAFETY DATA SHEET



MANUFACTURER'S NAME: **SOUTHERN HUMATES LTD**
OFFICE: 14 CARDIGAN RD, WYNDHAM SOUTHLAND
EMERGENCY PHONE NO: 021 150 6050

Trade Name

Spray^{hm}Mate

Date of Issue: 20/11/2020

Hazard Identification: Not classified as Dangerous Goods for Transport

MATERIAL OR COMPONENT: Composed of organic flocculated material referred to as humic acid with fulvic acid remaining in solution.

SHIPPING AND HAZARD CLASSIFICATION: Non- hazardous

HEAVY METALS ANALYSIS:

Mercury Hg - 26 ppb	Cadmium Cd - 1 ppm	Arsenic As - <1 ppm
Chromium Cr - 1 ppm	Thallium Ti - 0.01 %	Lead Pb - 2 ppm

FIRST AID MEASURES

SYMPTOMS OF OVEREXPOSURE

INHALATION:

Can cause irritation to mucous membranes and respiratory passages. Non-systemic

SKIN CONTACT:

None known

SKIN ABSORPTION:

None Known

EYE CONTACT:

Potential mild irritation

INGESTION:

None known. The LD50 in acute oral toxicity studies is greater than 6,000 mg/kg. Large quantities can cause gastrointestinal irritation.

EFFECTS OF OVEREXPOSURE:

- **ACUTE OVEREXPOSURE**
- **CHRONIC OVEREXPOSURE**

Expected toxicity hazard - none to slight.

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EMERGENCY AND FIRST AID

PRODECURES:

- **EYE:**
- **SKIN:**
- **INHALATION:**
- **INGESTION:**

Rinse eyes with running water for at least 15 minutes

Remove contaminated clothing. Wash with soap and water

If discomfort results, seek medical attention.

If swallowed monitor condition and seek medical advice if adverse symptoms persist.

MEDICAL CONDITIONS AGGRAVATED WITH EXPOSURE:

None known

NOTES TO DOCTORS:

Minimum iron content is less than 1.0%

SUSPECTED CANCER AGENT:

None known

Head Office: 14 Cardigan Rd, Wyndham, Southland, NZ

Web: www.southernhumates.co.nz

ACCIDENTAL RELEASE MEASURES:

SPILLS: The product is soluble and Can be flushed away or disperse by dilution with water. As a soil conditioner it can simply be washed into soil as a safe means of dispersion.

DISPOSAL: Dispose of waste in accordance with local authority bylaws.

Disposal of empty container: Triple rinse then send to drum recycling facility. Do not use the container for any other purpose.

HANDLING AND STORAGE:

HANDLING: Do not get in eyes, on skin, on clothing. Avoid breathing vapor. Do not swallow. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

PPE:

Eye protection: Safety glasses/goggles

Hand protection: PVC gloves

Skin and body protection: Protective Clothing

Respiratory protection: Approved respirator when vapour or mist may be generated.

STORAGE: Store away from incompatible materials and sources of heat an ignition. Transport in sealed containers below 40°C and above 10°C. Store in cool, dry, ventilated place in tightly sealed container. Do not contaminate drinking water, food or feed by methods of storage or disposal.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Liquid
Colour:	Black
Odour:	Odourless
Boiling Point (°C):	Not determined
Flash Point (°C):	Not determined
Max. % volatile:	Not applicable
Density at 20°C g/ml:	1:1
Solubility in water:	Soluble
pH:	5

STABILITY AND REACTIVITY

STABILITY: Stable

MATERIALS AND

CONDITIONS TO AVOID: Avoid all sources of ignition, heat, sparks and open flame. Avoid acids, divalent cations such s Zinc, iron and calcium etc. Mixing with liquids with high salt content may cause settling/gelling.