

Material Safety Data Sheet

Chlorosis Tree Medicine

Manufacturer/Supplier: Pin Oak Tree Specialist, 7310 North 39th Terrace, Omaha, NE. 68112

Emergency Number: 402-455-9384

Section I-Production Information:

Single Substance or Mixture-Mixture

Trade Name-Chlorosis Tree Medicine

Chemical Formula -Trade Secret

Chemical Name & CAS No.-Trade Secret Status

Chemical Family-Organic double salt complex

Section II-Hazardous Ingredients and/or Characteristics:

Contains no hazardous ingredients

Section III- Physical Data:

Melting Point-NDA

Boiling Point-NDA

Bulk Density (lbs per cu/ft)-NDA

Solubility in water-100%

Specific Gravity (H₂O=1)->1

Percent Volatile by Volume-0%

pH-6-8

Appearance and Odor-Brown Liquid/Characteristic

Section IV-Reactivity Data:

Stability-Stable

Conditions to Avoid-NA

Incompatibility (materials to avoid)-Alkalis'

Hazardous Decomposition Products-When heated to decomposition, it emits toxic fumes of ammonia.

Hazardous Polymerization-will not occur (no conditions to avoid)

Section V-Fire and Explosion Hazard Data:

Flash Point (Method Used)-NA

Flammable Limits-NA

LeL-NA

UeI-NA

Extinguishing Media-Water, or the usual for surrounding fires. Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards-When heated to decomposition, it emits toxic fumes of ammonia.

Section VI-Health Hazard Data:

Exposure limits-1 mg/m(to the 3rd power) [ACGIH] as iron. TWA-NDA Ceiling-NDA

Effects of Overexposure Acute-none expected under normal use. Very large doses can cause gastrointestinal irritation, vomiting.

Chronic-chronic excessive intake of soluble iron salts may lead to generalized increased iron content in body tissues such as the liver.

Medical Conditions aggravated by exposure-Possibly pre-existing allergies.

Section VI (continued)

Emergency First Aid Procedures-

Eye: wash out immediately with large amounts of water; if irritation persists seek medical attention.

Skin: remove contaminated clothing, wash affected area.

Inhalation: remove to fresh air, aid in breathing if necessary and call physician.

Ingestion: if large amounts have been swallowed, get immediate medical attention.

Other health information listed-() carcinogen () teratogen () mutagen (x) other (NDA)

Section VII-Special Protection Information/production and/or

Maintenance Operation:

Respiratory Protection (Specify Type)- not needed under normal use.

Ventilation- not needed under normal use

Local Exhaust- not needed under normal use.

Special- NA

Mechanical (General)- not needed under normal use.

Other- none

Protective Gloves-impermeable

Eye Protection-Safety glasses

Protective Equipment- clean work uniform

Section VIII-Spill or Leak Procedures:

Steps to be Taken in Case Material is Released or Spilled- contain spill, use absorbent material.

Waste Disposal Method- Dispose of by means as to comply with all local, state and federal regulations or contact an approved and licensed disposal agency.

Section IX-Special Precautions:

Precautions to be taken in Handling and Storing- Protect from light, keep containers tightly closed.

Other Precautions- Observe good personal and industrial hygiene.

Section X-Transportation Data:

Proper Shipping Name- Ferric chelate solution

Reportable Quantity- 100/454

Hazard Class- ORM-E

Identification Number ((49CFR 172-101)-NA 9218

Label Requirement- none

Special Information- none

The information herein is believed to be reliable. However, no warranty, express or implied, is made as to its accuracy or completeness, and none is made as to the fitness of this material for any purpose. The manufacturer shall not be liable for damages to person or property resulting from its use.

CHEMTREC 800-424-9300

As required under 29 CFR1910, 1200

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