

M.S.D.S.

1. Identification of the substance/preparation and company/undertaking.

NAME 912

MSDS No 912 USA

Synonyms:

Common uses: waste water treatment

Supplied by: QCA Green Start

1798 Iowa Drive
 Le Claire, IA
 52573

Tel: 563-289-3373
 Fax: 563-289-5526

2. Composition/information on ingredients.

Contains:

Bacterial Cultures less than 1% by weight.

Blend of naturally occurring ingredients as a carrier including, corn and wheat bran and kelp. 24%

| <u>Hazardous ingredient / impurity</u> | <u>% Conc.</u> | <u>Classification</u> | <u>Exposure</u> | <u>CAS</u> | <u>EINECS</u> |
|--|----------------|-----------------------|-----------------|------------|---------------|
| Atsapulgite (diatomaceous earth) | Proprietary | | | 12174-11-7 | |
| Monoammonium phosphate | Proprietary | | | 7722-76-1 | |
| Ferrous sulfate monohydrate | Proprietary | | | 7720-78-7 | |
| Potassium chloride | Proprietary | | | 7447-40-7 | |

3. Hazards identification.

Classification:

4. First Aid measures.

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

| <u>Exposure Route</u> | <u>Symptom</u> | <u>Treatment</u> |
|-----------------------|--|--|
| Inhalation | Same as exposure to dust. | Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention. |
| Skin Contact | Redness and irritation | Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention. |
| Eye Contact | Same as dust | Irrigate thoroughly with water for at least 15 minutes. Obtain medical attention. |
| Ingestion | Irritation of gastrointestinal tract, nausea, diarrhea | Wash out mouth with water. Induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention. |

Immediate Treatment / Antidote: symptomatic treatment

Delayed Effects: Non Known

5. Fire Fighting measures.

Suitable Extinguishers: water, foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishers:

Hazardous Combustion Products: decomposes upon heating to liberate ammonia. Large dust accumulations can be explosive, similar to a grain dust explosion.

Special Equipment for Fire Fighting: self contained breathing apparatus

6. Accidental Release measures.

Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: Not Known

Clean up Procedure: Vacuum or sweep up avoiding generation of dust. Place in suitable labelled containers and hold for waste disposal. Wash spill site with water.

7. Handling & Storage.

Handling

Ventilation: Good general ventilation.

Recommended procedures & equipment: avoid creating dust

Storage

Temperature range: 0 deg C to 40 deg C for product viability only.

Humidity range: less than 40% for long term exposure of unprotected product for product viability only.

Keep away from: See section 10

Suitable storage Media: original container with closed lid

Precautions against static discharge: recommended.

8. Exposure Controls/personal protection.

Exposure standards:

| Component | LTEL (8h TWA) | STEL (15 mins) | Type |
|-----------|---------------|----------------|------|
| None | | | |

Personal Protective Equipment:

Respiratory: Dust mask

Hand: Wash hands after use. Gloves recommended

Eye: Safety glasses or goggles recommended.

Skin: Wash after exposure. Overalls and boots recommended

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act.

Hygiene Measures: Always wash thoroughly after handling chemicals.

9. Physical & Chemical Properties.

Appearance Brown free flowing powder

| | |
|---------------------------------|--|
| Odor | Slight chlorine odor |
| pH | Not Known |
| Boiling Point/range | Not Applicable |
| Melting Point/range | Not Applicable |
| Flash point | Not Applicable |
| Flammability | Not flammable under normal conditions of storage and handling. |
| Autoignition temperature | Not Applicable |
| Explosive limits | Na except in presence of large dust cloud |
| Oxidizing Properties | Non |
| Vapour Pressure | Not Applicable |
| Relative density | 0.6 to 0.8 |
| Solubility in water | Appreciable |
| Solubility in solvent | Not soluble |
| Partition coefficient | Not Applicable |
| Viscosity | Not Applicable |
| Vapour density | Not Applicable |
| Evaporation rate | Not Applicable |
| Conductivity | Not Applicable |

10. Stability & Reactivity.

Stability: Stable under normal storage and handling conditions.

Conditions to avoid: Accumulations of product in enclosed spaces, generation of dust, heating or direct exposure to sunlight.

Materials to avoid: Strong oxidizers and alkalis

Hazardous decomposition products: Ammonia, phosphorous oxides, sulfur oxides, eyanuric acid, cyanic acid, and carbon dioxide

11. Toxicological Information.

Toxological effects: Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.

LD_{Lo}

LD₅₀

oral-rat

skin-rabbit

12. Ecological Information.

Environmental Effects: Minimal impact under normal conditions of use and storage.

Mobility: disperses in water

Degradability: Not Known

Bioaccumulative potential: Not Known

Aquatic Toxicity: Not Known

13. Disposal considerations.

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As substance.

14. Transport information. Not regulated for transport

| | |
|---|------------------------------|
| UN number | Class |
| Primary Hazard | Subsidiary Hazard |
| Packing Group | Emergency Action Code |
| H.I. Number | Marine Pollutant |
| Proper Shipping name Water treatment compounds | |

15. Regulatory Information.

Label Name 912
Symbols no risk or safety phrases stipulated
Risk Phrases no risk or safety phrases stipulated
Safety Phrases no risk or safety phrases stipulated
E.C. No

Additional labeling:

Use of this material may be governed by the following regulations: - (users are advised to consult these regulations for further information).

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. Other Information.

This material must not be used for direct contact with food:

Further details may be available upon request from your local distribution site.

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