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MATERIAL SAFETY DATA SHEET

8/01/01

- **EMERGENCY PHONE NUMBER:**

(661) 834-9176

- **IDENTIFICATION OF PRODUCT:**

"AgriGator Soil Conditioner"

- **PRODUCT DESCRIPTION:**

Anionic acrylamide copolymer

Note: not considered hazardous under Federal Regulation 29 CFR 1910.1200

- **HAZARDS IDENTIFICATION:**

Aqueous solution renders surfaces **extremely slippery**.

HMIS & NFPA Ratings:	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
Special	to be determined by user.	

- **FIRST AID MEASURES:**

Inhalation:

No hazards which require first aid measures.

Skin Contact:

Wash with water and soap as a precaution. In case of skin irritation, consult a physician.

Eye contact:

Rinse thoroughly with plenty of water. In case of persistent eye irritation consult a physician.

Ingestion:

No hazards which require first aid measures.

- **FIRE-FIGHTING METHODS:**

Suitable extinguishing media:
Special fire fighting
precautions:

water, water spray, foam, carbon dioxide (CO₂) dry powder
Aqueous solution renders surfaces **extremely slippery**.

Special protective equipment:

None

• **ACCIDENTAL RELEASE MEASURES:**

Personal precautions: None

Environmental precautions: None

Clean up method: Sprinkle sand/dirt over product and flush away with water until no longer slippery.

• **HANDLING AND STORAGE:**

Handling: As good industrial hygiene dictates, avoid contact with skin and eyes. Wash hands thoroughly before breaks and at the end of the day.

Storage: Keep in a cool (0-35°C) place.

• **EXPOSURE CONTROLS:**

Occupational Exposure limits: None

Engineering methods to reduce exposure: Natural ventilation is adequate in.

• **PERSONAL PROTECTION EQUIPMENT:**

Respiratory protection: No special protective equipment required.

Hand protection: rubber gloves

Eye protection: Safety glasses with side shields. Do not wear contact lenses.

Skin and body protection: Chemical resistant apron or thick clothing/protective suit if splashing or repeated contact with solution is likely.

Hygiene measures: Wash hands before breaks, and at the end of workday. Handle in accordance with good industrial hygiene.

• **PHYSICAL AND CHEMICAL PROPERTIES:**

Form: Viscous liquid.

Color: None

Odor: None

pH: 4-9 @ 5g/l for the product series. See technical data for specific value.

Melting point (°C): Not applicable.

Flash point (°C): Not applicable.

Auto ignition temperature (°C): Not applicable

Vapor pressure (mm Hg): Not applicable.

• **STABILITY AND REACTIVITY:**

Stability: Product is stable, no hazardous polymerization will occur.

Materials to avoid: Oxidizing agents may cause exothermic reactions (reactions which release heat)

Hazardous decomposition products:

Thermal decomposition may produce: nitrogen oxides (NO_x), carbon dioxides.

• **TOXICOLOGICAL INFORMATION:**

Acute toxicity:

a) Oral:

LD50/oral/rat > 5000 mg/kg

b) Dermal:

The results of testing on rabbits showed this material to be non-toxic even at high dose levels.

Irritation

a) Skin:

The results of testing on rabbits showed this material to be non-irritating to the skin.

b) Eyes:

Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects, and only slightly transitory conjunctival effects similar to those which all granular materials have on conjunctivae.

c) Sensitization:

The results of testing on Guinea Pigs showed this material to be non-sensitizing.

d) Chronic toxicity:

A two year feeding study on rats did not reveal adverse health effects. A one year feeding study on dogs did not reveal adverse health effects.

• **ECOLOGICAL INFORMATION:**

Ecotoxicity:

The product is not considered to be toxic to aquatic organisms, or harmful to the aquatic environment. However, as with all chemical products, do not introduce directly into the environment.

a) Fish:

LC50/Fathead minnows/96 hrs > 1000mg/l

b) Algae:

EC50/Selenastrum capricornutum/72 hrs > 500mg/l

Bioaccumulation:

This product is not expected to bioaccumulate.

Persistence/degradability:

Not readily biodegradable.

• **DISPOSAL CONSIDERATIONS:**

Waste from residues or unused products:

Bury in landfill in accordance with all applicable regulations.

Contaminated Packaging:

Any disposal practice must be in compliance with all applicable regulations.

• **TRANSPORT INFORMATION:**

Not regulated by the Department of Transportation.

• **REGULATORY INFORMATION:**

The product is not considered hazardous under Federal Regulation 29 CFR 1910.1200.

All components of this product are on TSCA and DSL inventories.

RCRA status:	<u>Not a hazardous waste.</u>
Hazardous waste number:	Not applicable.
Reportable quantity (40CFR 302):	Not applicable.
Threshold planning quantity (40CFR 355):	Not applicable.
Toxic chemical release reporting (40 CFR 302):	Not applicable.

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