



TerraGard™ T40

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MATERIAL SAFETY DATA SHEET

5/21/02

- **EMERGENCY PHONE NUMBER:**

(661) 834-9176

- **IDENTIFICATION OF PRODUCT:**

"TerraGard T40 Erosion Control Tablets"

- **PRODUCT DESCRIPTION:**

Anionic water-soluble polymer.

Note: not considered hazardous in accordance with OSHA Federal Regulation 29 CFR 1910.1200

- **HAZARDS IDENTIFICATION:**

Aqueous solutions or powders that become wet render 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:

Move to fresh air if subject is overcome by excessive dust.

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, also under eyelids. In case of persistent eye irritation, consult a physician.

Ingestion:

This product is not considered toxic based upon studies with laboratory animals.

• **FIRE-FIGHTING METHODS:**

Suitable extinguishing media: water, water spray, foam, carbon dioxide (CO₂) dry powder

Special fire fighting precautions: Aqueous solutions or powders that become wet render surfaces **extremely slippery**.

Special protective equipment: None.

• **ACCIDENTAL RELEASE MEASURES:**

Personal precautions: None

Environmental precautions: Do not contaminate water.

Clean up method: **DO NOT FLUSH WITH WATER**. Clean up promptly by scoop or vacuum. **After cleaning** flush away traces with water.

• **HANDLING AND STORAGE:**

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

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

• **EXPOSURE CONTROLS:**

Engineering methods to reduce exposure: Use local exhaust if dusting occurs. Natural ventilation is adequate in the absence of dust.

• **PERSONAL PROTECTION EQUIPMENT:**

Respiratory protection: Dust safety masks are recommended where concentration of total dust is more than 10mg/m³.

Hand protection: rubber gloves

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

Skin and body protection: No special protective clothing required.

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

• **PHYSICAL AND CHEMICAL PROPERTIES:**

Form: White tablet (solid).

Color: White

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.
Conditions to avoid:	Any conditions (contact with oxidizing agents) promoting exothermic reactions. Materials to avoid: oxidizing agents.
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.
c) Inhalation:	The product is not expected to be toxic by inhalation.
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/96 hrs > 500 mg/l
Bioaccumulation:	This product is not expected to bioaccumulate.
Persistence/degradability:	Not readily biodegradable.

- **DISPOSAL CONSIDERATIONS:**

Waste from residues or unused products: In accordance with federal, state and local regulations.

Contaminated Packaging: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local 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: Not a hazardous waste.

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.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for the safe handling, use, processing, storage, transportation disposal, and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, or processes unless specified in the text.