Ward's Natural Science
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MSDS # 022

Effective Date: 3/81

SECTION I. MATERIAL IDENTIFICATION

REVIEWED: 3/88

Material Name: Detain I / Detain II Macromolecular Solution

Synonyms: Protist/Invertebrate Slowing Solution

CAS Number: Mixture

Catalog Number(s):
Detain I 37 W 7950
37 W 7951
Detain II 37 W 7952
37 W 7953

SECTION II. INGREDIENTS AND HAZARDS

Substances listed are those identified as present at a concentration of 1% or greater, or 0.1% if the substance is a potential carcinogen cited in OSHA Hazard Communication Standard. Where proprietary ingredient shown, the identity of this substance may be made available as provided in 29 CFR 1910.1200 (i).

	%	HAZARD DATA
Proprietary Formulation:		
Water-soluable nonionic homopolymer resin	1-3	None Established

SECTION III. PHYSICAL DATA

SINGLE SUBSTANCE ☐ MIXTURE ☒

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Specific Gravity: N/A

Solubility In Water: Complete up to 98°C
Density: 1.21 ± 0.03 g/cm³ at 23°C
% Volatiles by volume: 1.0% by max wt.

Appearance and Odor:

SECTION IV. FIRE AND EXPLOSION DATA

FLAMMABLE MATERIAL ☐ YES ☐ NO

Flash Point	Auto Ignition Temp.	Flammability Limits In Air	LOWER	UPPER
N/A	N/A	N/A	N/A	N/A

Extinguishing Media: ☒ Use Best For Surrounding Fire, or ☐ See Below:

Fire and Explosion Hazards: ☒ None ☐ See Below:

SECTION V. REACTIVITY DATA

Stability: ☒ Stable, Will Not Undergo Hazardous Polymerization
☐ Unstable

Incompatibility:

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Hazardous Decomposition Products: Thermal decomposition may produce carbon monoxide and/or carbon dioxide.

Form essentially similar to OSHA Form 20.

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SECTION VI. HEALTH HAZARD INFORMATION

TLV (See Sect. II) None Established

Effects of Overexposure: None currently known. Material has extremel low toxicity.

First Aid Procedures: None required

Eye Contact: Flush with running tap water, including under eyelids for 10-15 minutes.

Skin Contact:

Ingestion:

Inhalation:

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Small Spills: Flush area with large quantity of water.

Large Spills: Collect onto paper towel or other sorbent material.

Disposal: Inert solid waste

Always dispose through approved TSD facility according to federal, state, and local regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

EXPOSURE GUIDELINES:

Ventilation:

Respiratory Protection: *** No special protection required ***

Skin Protection:

Eye Protection:

SECTION IX. SPECIAL HANDLING PRECAUTIONS AND COMMENTS

DOT CLASS: Non Regulated

☐ See Addendum Sheet For Additional Technical Information. Material should always be stored in darkness, away from u.v. light sources--product will slowly depolymerize to lower molecular weight chains if exposed for long periods to sunlight and/or u.v. light sources.

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine suitability of the information for their particular purposes.

REV. #: 002 DATE: 3/88 SIGNATURE:

Kenneth G. Rainis, Safety Director

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