

# BIONIX® DAZ20

## 20% DAZOMET

## PRODUCT DATA SHEET

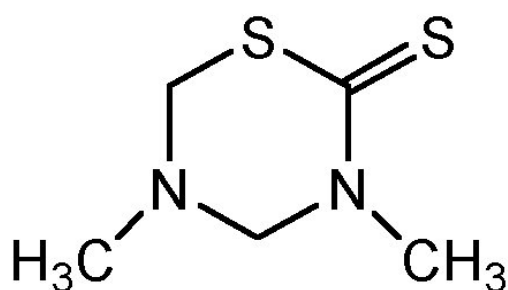
### DESCRIPTION

BIONIX DAZ20, 20% Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, is a broad-spectrum microbiocide used for controlling spoilage, odor causing, corrosion inducing, slime-forming bacteria, sulfate-reducing bacteria, and fungi in clay slurries, adhesives, coatings, high viscosity suspensions and construction materials.

### BENEFITS

- Broad spectrum microbiocide, effectively controlling bacteria, and fungi.
- Effective pH range 4-10

### STRUCTURE AND INFORMATION



CAS #:	533-74-4
EINECS:	100-007-798
Chemical Family:	Dazomet
Molecular Formula:	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> S <sub>2</sub>
Molecular Weight:	162

### PHYSICAL PROPERTIES

Appearance/Form	White/dispersion	Freezing Point	N/A
Color (AHPA)	N/A	Specific Gravity,@25°C	1.06
pH @25°C	8.2	Vapor Pressure@25°C	N/A
Solubility in water, 20°C	N/A		
Boiling Point	100°C/212°F		

## BIONIX® DAZ20

# PRODUCT DATA SHEET

### 20% DAZOMET

## APPLICATION/USES

BIONIX DAZ20 can be dosed directly either by open pouring or by metered pump at a point in the processing systems where there will be sufficient time and agitation for good mixing and dispersion. BIONIX DAZ20 is best added after any heating stage or when the product has cooled below 40°C.

## GENERAL PRESERVATIVE

- This product should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. For use in slurries of starch, clay, calcium carbonate or titanium dioxide, paper coatings, high viscosity suspensions (polymers, silica-polymer combinations), polyvinyl alcohol/polyvinyl acetate based adhesives, starch based adhesives, dextrin based adhesives, concrete, concrete admixtures and additives, caulking and caulking compounds, construction adhesives and masonry.

## 21 CFR CLEARANCES

### 21 CFR 176.230

Cleared for use as a preservative in the manufacture and coating of paper and paperboard intended for use in contact with food, if the manufacture of paper and paperboard as a preservative for substances added to the pulp suspension prior to the sheet-forming operation provided that the preservative is volatilized by heat in the drying and finishing of the paper and paperboard. As a preservative for coatings for paper and paperboard, provided that the preservative is volatilized by heat in the drying and finishing of the coated paper or paperboard.

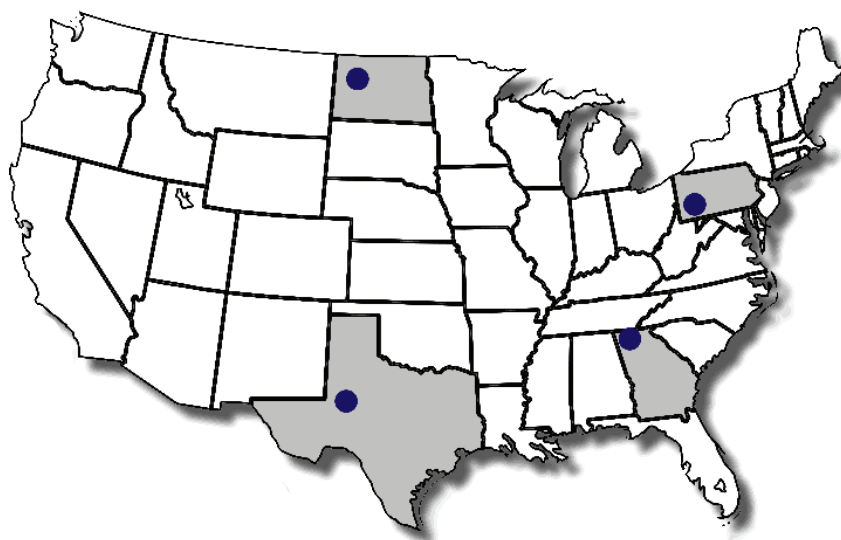
## BIONIX® DAZ20

### 20% DAZOMET

### PACKAGING

TYPE	LBS	KG
Pails	40 lbs	18 kg
55 gal. Drum	525 lbs	238 kg
275 gal. Tote	2251 lbs	1157 kg
330 gal. Tote	X lbs	X kg
Bulk	44,000 lbs	X kg

### SHIPPING LOCATIONS



Newell, PA  
Dalton, GA  
Newtown, ND  
Big Spring, TX

### SHIPPING INFORMATION

#### U.S. D.O.T

##### NON-BULK

Proper Shipping Name	Not regulated as a dangerous good
Hazard Class:	N/A
ID Number	N/A
Packing Group	N/A

##### BULK

Proper Shipping Name	Not regulated as a dangerous good
Hazard Class	N/A
ID Number	N/A
Packing Group	N/A

## BIONIX® DAZ20

### 20% DAZOMET

### STORAGE/HANDLING

- Do not freeze. Keep container tightly closed in a dry and well-ventilated place.
- Always wear personal protective equipment (PPE) when handling BIONIX DAZ20. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

### HAZARDS IDENTIFICATION

#### GHS LABEL ELEMENTS



CORROSIVE

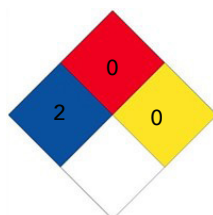


IRRITANT

#### HMIS (USA)

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

#### NFPA



### NOTICE TO READER

**DISCLAIMER OF LIABILITY:** This information is provided for general information purposes only and is believed to be accurate as of the date hereof, however, Isomeric Industries, Inc., does not make any warranties or representations of any kind regarding the information and disclaim all express and implied warranties or representations to the fullest extent permissible by law, including those of merchant ability, fitness for particular purpose or use, title, non-infringement, accuracy, correctness or completeness of the information provided herein. All information is furnished "as is" and without any license to distribute. The user agrees to assume all liabilities related to the use of or reliance on such information. ISOMERIC INDUSTRIES INCORPORATED SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES FROM ANY CAUSE WHATSOEVER INCLUDING BUT NOT LIMITED TO ITS NEGLIGENCE.