



# MATERIAL SAFETY DATA SHEET

## MB-7530

### 1. Material Identification

Manufacturer's Name	One AquaSource, Inc.
Manufacturer's Address	P.O. Box 207 Waterville, OH 43566
Manufacturer's Phone	888.777.9555
Product Name	MB-7530
Chemical Name	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione (aka Dazomet)
EPA Reg. No.	9386-3-71589
EPA Est. No.	9386-GA-3
Current Issue Date	March 23, 2010

### 2. Hazardous Ingredients

<u>Chemical Name</u>	<u>CAS #</u>	<u>%WT</u>	<u>OSHA PEL</u>	<u>Sec. 313</u>	<u>Carcinogen</u>
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione (aka Dazomet)	533-74-4	24.0%	Not available	yes	no
Sodium hydroxide	1310-73-2	<4.0%	2mg/m <sup>3</sup>	no	no

### 3. Health Hazards

Inhalation	Avoid breathing vapor or mists. Inhalation will cause respiratory tract irritation or burns of the mucous membranes.
Ingestion	Ingestion is not considered a likely route of exposure. Harmful if swallowed. Ingestion will cause irritation of the mouth, throat and esophagus.
Skin	A single, prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. Causes irritation, possible burns on prolonged contact.
Eyes	This product is considered a primary eye irritant. Causes severe irritation and burns. Danger of very serious irreversible effects.
Target Organs	Eyes, skin.

MSDS  
MB-7530

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**4. First Aid Measures**

Eyes & Face	Immediately flush with water for two to three minutes, remove any contact lenses, hold eyelids open & continue for 15 minutes. Seek immediate medical attention.
Skin	Remove all contaminated clothing including shoes. Wash skin with soap and water for at least 15 minutes. Seek medical attention
Inhalation	Remove to fresh air. If not breathing administer oxygen if available, if not apply mouth to mouth artificial respiration. Seek immediate medical attention if discomfort continues
Ingestion	Wash out mouth with water and keep at rest. DO NOT induce vomiting. Give water or milk to dilute. Seek immediate medical attention.

**5. Fire & Explosion Hazards**

Flash Point	Not combustible
Unusual Fire Hazard	none known
Unusual Explosion Hazard	Containers may explode if exposed to extreme heat.

**6. Precautions & Procedures**

Fire Extinguishing Agents	Foam, carbon dioxide, dry chemical or water fog
Fire Extinguishing Agents to Avoid	none
Special Fire Fighting	Respiratory and eye protection are required. Wear self contained breathing apparatus approved by NIOSH for inside fires. No breathing apparatus may be required for outside fires. Use water spray to keep containers cool.
Ventilation	Local exhaust - if misty conditions prevail. Natural ventilation is adequate in the absence of mist and in non enclosed areas.
Normal Handling	Avoid contact with skin, eyes and clothing. Do not inhale mists. Use normal hygiene and housekeeping.
Storage	Store in unopened containers under cool and dry conditions. Do not store with, or close to oxidizers and bases.
Leak & Spill Procedures	Dike and contain spill with inert material such as sand, vermiculite or dirt. Shovel into drums for disposal. Do not allow spills to entering into waterways. Water may

# MSDS

## MB-7530

be used to complete cleaning. Collect wash water for disposal.

Label Instructions CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S (Contains Sodium Hydroxide), 8, UN3266, PGII

Signal Word CORROSIVE

### 7. Personal Protective Clothing

Respiratory Protection If misty conditions are encountered wear NIOSH approved respirator.

Eyes & Face Wear safety glasses with side shields or goggles when handling.

Hands, Arms & Body Rubber gloves and full work clothing. Add rubber protective clothing if splashing or repeated contact is likely.

Other Eye wash and quick drench shower.

### 8. Physical Data

Physical State Liquid

Appearance and Odor Pale yellow

Boiling Point 100°C

Vapor Density Not available

Vapor Pressure Not available

Solubility in Water Complete

pH 13.6

### 9. Reactivity Data

Shelf Life Stable, 1 year

Conditions to Avoid Heat, temperatures above 131°C

Incompatibility Strong oxidizing & reducing agents, strong acids & bases

Hazardous Polymerization none

### 10. Environmental

Degradability Not available

Aquatic Toxicity Not available

MSDS  
MB-7530

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Waste Disposal	Incineration and /or disposal in approved chemical disposal facility.
TSCA	The active ingredients in this product are listed in the TSCA inventory.

**11. SARA Title III Hazard Classes**

Acute Health	Yes
Chronic Health	Yes
Fire	No
Release of Pressure	No
Reactive	No

**12. HMIS and NFP Ratings**

	HMIS	NFPA	0=insignificant 1=slight 2=moderate 3=high 4=extreme
Health	3	3	
Flammability	1	1	
Reactivity	0	0	