

# BioZap™ Mold & Mildew Cleaner

## MATERIAL SAFETY DATA SHEET

May 5, 2005

Page 1 of 2

### SECTION I - PRODUCT INFORMATION

**PRODUCT NAME:** BioZap™ Mold and Mildew Cleaner  
**PRODUCT USE:** Treatment of surfaces contaminated with molds, mildew, fungi, bacteria, algae, etc.  
For basements, crawlspaces, bathrooms, kitchens, air-conditioning ducts, RV's, homes or offices.  
**PRODUCT NUMBER:** CAS No. - None Allocated (compound product)  
**SUPPLIER:** Novion Inc.  
**ADDRESS:** 18 L'Hermitage Drive  
Shelton, CT 06484 USA  
**TELEPHONE:** 1-203-225-0366 or toll-free 800-472-0603

### SECTION II – HAZARDOUS INGREDIENTS

COMPOSITION:	%	PEL / TLV	HAZARD
Australian Tea Tree Oil (pure)	5	none established	
Stabilizing polymers	2–6	none established	
Colorants	0.002	none established	
D.I. Water	balance		

### SECTION III – PHYSICAL DATA

**APPEARANCE & ODOR:** Liquid with various colors and scents  
**SPECIFIC GRAVITY:** 0.995 ± 0.02 @20 °C  
**PH:** 4.5–5  
**SOLUBILITY IN WATER:** Can be emulsified to become hydrophilic

### SECTION IV – FIRE & EXPLOSION HAZARDS

**FLASH POINT:** > 200 °F  
**FLAMMABLE LIMITS:** None established UEL: LEL:  
**EXTINGUISHING MEDIA:** Not applicable  
**UNUSUAL FIRE & EXPLOSIVE HAZARDS:** None known  
**SPECIAL FIREFIGHTING PROCEDURES:** Should the product separate (emulsion breakdown) from heat during a fire, the essential oils may float to the top and aid in combustion.

### SECTION V – HEALTH HAZARD DATA

#### UNDER NORMAL USE CONDITIONS:

It is suggested that normal exposure standards for TEA TREE OIL be adopted at a TLV of 100 ppm /8 hr workday. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect. These levels are only used as guidelines for good practices. A good mechanical airflow should be maintained if a more comfortable level is required.

#### EFFECTS OF MILD EXPOSURE:

**EYES:** Eye contact can result in irritation and watering of the eyes.  
**SKIN:** Treat minor cases as symptomatic. This product is not expected to cause problems even on a prolonged exposure.  
**INGESTION:** Although no appropriate human or animal health effects data are available, this material may be toxic if ingested. Seek immediate medical attention.  
**INHALATION:** None expected.

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Page 2 of 2

### FIRST AID PROCEDURES:

**EYES:** Wipe away surplus with tissue or cotton wool. Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open.

**SKIN:** Wash affected area with plenty of soap & water. If irritation still exists, seek medical attention.

**INHALATION:** Not believed to be a problem. But if a reaction occurs, remove victim to fresh air and seek medical attention.

### SECTION VI – REACTIVITY DATA

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Heat above 200 °F. Material will support combustion if it breaks down.

**INCOMPATIBLE MATERIAL:** Strong oxidizing agents, Strong Acids & Bases.

**HAZARDOUS DECOMPOSITION:** None known.

**HAZARDOUS POLYMERIZATION:** Will NOT occur.

### SECTION VII – SPILL OR LEAK PROCEDURES

#### STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

Isolate and seal off area affected. Stop leak if safe to do so. Use absorbent clays and/or inert material to absorb free liquids. Sweep up and place in properly label receptacle for disposal.

#### WASTE DISPOSAL METHOD:

Product is believed to be Non-Hazardous by RCRA standards. Dispose in accordance to Local, State & Federal Laws.

### SECTION VIII – SPECIAL PROCEDURES

**RESPIRATORY PROTECTION:** No special precautions are necessary.

**EYE PROTECTION:** No special precautions are necessary. It is good hygienic practice to always wear protective glasses when working with any chemicals.

**PROTECTIVE CLOTHING:** No special precautions are necessary.

### SECTION IX – TRANSPORTATION & REGULATORY INFORMATION

**D.O.T. SHIPPING NAME:** Non RCRA, Not DOT Regulated

**CLASSIFICATION:** NA

**UN NUMBER:** NA

**CERCLA: RQ'S:** NA

### SECTION X – OTHER REGULATORY CONTROLS

**TSCA :** NA No listed chemicals.

**SARA TITLE III:** NA No listed chemicals.

**RCRA:** NA No listed chemicals.

The above information is believed to be correct at the time of its printing. No warranty is offered or implied.