

# MATERIAL SAFETY DATA SHEET

## Section 1: Product & Company Identification

**Trade Name:** Team Mildew Inhibitor  
**Product Class:** Cleaning Compound  
**Sold by:** TEAM SYSTEMS, INC.  
2723 Dove Country Drive  
Stafford, Texas 77477-6025  
**Telephone Numbers:** Emergency Assistance: (800) 652-0717

## Section 2: Composition/Information on Ingredients

Ingredient	CAS #	Wt. %
Proprietary Ingredients		Proprietary
Ethanol	64-17-5	< 5%

## Section 3: Hazards Identification

**Emergency Overview** Clear, colorless to straw colored liquid. Corrosive to the eyes, skin, gastrointestinal tract, and respiratory system.

### Potential Health Effects:

**Skin:** Causes corrosive burns. Brief exposures may cause irritation and defatting of the skin.  
**Eyes:** Causes burns and may result in permanent injury to eyes including blindness.  
**Inhalation:** Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, and drowsiness.  
**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Chronic:** Ingestion of ethanol by pregnant women can cause reproductive toxicity to the fetus.

## Section 4: First Aid Measures

**Eyes:** Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.  
**Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
**Inhalation:** If symptoms are experienced, move victim to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.  
**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

## Section 5: Fire Fighting Measures

**Flash Point:** None when heated to 100°C – Cleveland Open Cup  
**Upper & Lower Flame Limits:** Not determined  
**Extinguishing Media:** Any agent suitable for surrounding fire  
**Fire Fighting Equipment & Instructions:** Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.  
**Hazardous Combustion Products:** Irritating and toxic gases or fumes may be released during a fire.

## Section 6: Accidental Release Measures

### Spill and Leak Procedures

- Emergency Action:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.
- Spill Cleanup:** Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.
- Large Spills:** Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

## Section 7: Handling & Storage

- Handling Procedures:** Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.
- Storage Procedures:** Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing.

## Section 8: Exposure Controls/Personal Protection

- Engineering Controls:** Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.

### Personal Protective Equipment:

- Eyes/Face:** Wear chemical goggles. Use a face shield if splashing is possible.
- Skin:** Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.
- Respiratory:** If exposure limits are exceeded or if irritation is experienced, an organic-vapor removing cartridge with a prefilter respiratory (MSHA/NIOSH approved) protection should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.
- General:** Eye wash fountain and emergency showers are recommended.

### The following ingredients have established exposure guidelines:

Ingredient	Exposure Guideline	Guideline Value
Ethanol 64-17-5	ACGIH TLV (2005), OSHA PEL & NIOSH REL	1000 ppm (TWA)

All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

## Section 9: Physical & Chemical Properties

- Flash Point:** None when heated to 100°C – Cleveland Open Cup.
- Specific Gravity:** 0.9905 (~8.26 lbs/gal)
- Percent Volatiles:** Not determined.
- Vapor Pressure:** Not determined.
- VOC Content** < 20%
- Vapor Density:** Not determined.
- Viscosity:** 1.94mm<sup>2</sup>/s (cSt) @22°C
- Evaporation Rate:** Not determined.
- Pour Point:** Not determined.
- pH :** 6.0-8.0
- Appearance and Odor:** Clear, colorless to straw colored liquid with benzaldehyde (organic) odor.

## Section 10: Stability & Reactivity

- Chemical Stability:** Material is stable.
- Conditions to Avoid:** Keep away from heat and strong oxidizing agents.
- Incompatibilities:** Strong oxidizing agents (may result in fire.), reducing agents.
- Hazardous Decomposition:** Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.
- Hazardous Polymerization:** Will not occur.

**Section 11: Toxicological Information**

**Carcinogenicity** No Carcinogenicity data available for this product.  
**Acute Oral LD50** > 2,000 mg/kg in male and female rats.  
**Acute Dermal LD50** >200 thru 2,000 mg/kg in male and female rabbits.  
**Primary Skin** Corrosive.  
**Primary Eye** Corrosive.

**Chemicals Ingredients Listed as Potential or Known Carcinogens**

Ingredient	OSHA	NTP	IARC
No ingredients listed in this section.			

**Section 12: Ecological Information**

**Ecotoxicity:** Very Toxic to aquatic organisms

**Environmental Fate:** This product is biodegradable

**Section 13: Disposal Considerations****Disposal Instructions**

Although not considered a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

**Section 14: Transport Information**

**DOT Hazard Class** Not Regulated

**Section 15: Other Information**

**Current Issue Date:** August 2012

<b>Hazard Ratings</b>	<b>HMIS</b>	<b>NFPA</b>
Health	3	3
Flammability	0	0
Physical Hazard	0	0
PPE	B	

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