

# Crystal Clear Algae Off MSDS Information

## SECTION I - IDENTIFICATION

Trade Name: Algae-Off  
Product Type: String Algae Treatment  
Manufacturer: Winston Company, Inc  
7704 E 38th St  
Tulsa, OK 74145  
United States of America  
Office Telephone Numbers: (800)331-9099 or (918) 610-1006

## SECTION II - COMPONENTS (Hazardous & Other)

Sodium Percarbonate CAS 15630-89-4 50%  
Other ingredients 50%

## SECTION III - PHYSICAL DATA

Appearance: White, granular, solid  
Odor: None  
Bulk Density: 1.0 – 1.2 g/cm<sup>3</sup>  
Solubility: 140 g/l @ 24° C (75° F)  
PH: 1% solution: 10.4 – 10.6

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Special Fire Hazards: Oxidizing substances that causes exothermic reactions with organic materials.  
Fire Fighting Methods: Product is not flammable and can be quickly diluted with clean water.  
Specific Hazards: Reacts with oxidizing substances – decomposition may support combustion.

## SECTION V - HEALTH HAZARD DATA

INHALATION: Slight nose and throat irritation  
EYE CONTACT: Severe eye irritation, risk of serious eye lesions  
SKIN CONTACT: Slight irritation  
INGESTION: Severe irritation of the mouth, throat esophagus and stomach

## TOXICOLOGICAL INFORMATION:

Acute Toxicity: Dermal = LD50 Rats >5000 mg/kg Inhalation = LC 0 1 hour, rat > 4580 mg/m  
Oral = LD 50 rat 1526 mg/kg

## EMERGENCY AND FIRST AID PROCEDURES

If inhaled: Immediately move the person to fresh air. Consult with a physician in case of respiratory symptoms.  
Eyes: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. Call a physician immediately.  
Skin: Remove contaminated shoes, socks and clothing. Wash the affected skin with running water. Wash clothing before reuse.  
If Swallowed: Consult a physician. If conscious, rinse mouth and administer fresh water. Do NOT induce vomiting. UNDER NO CIRCUMSTANCES give anything by mouth to an unconscious person.

## WARNING STATEMENTS

CAUTION! KEEP OUT OF REACH OF CHILDREN. MAY CAUSE SKIN OR EYE IRRITATION. STORE IN COOL DRY PLACE. AVOID CONTACT WITH SKIN AND CLOTHING AND EXCESSIVE INHALATION. WASH HANDS, CLOTHING AND EQUIPMENT AFTER USE.

## **SECTION VI REACTIVITY DATA**

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: Heat/Sources of Heat • Water/Moisture • Acids • Bases • Reducing Agents • Organic Materials

MATERIALS TO AVOID: Oxidizing agents attack the organic components of these products. As with other organic carbonaceous compounds, these reactions produce heat which if contained in a confined space can cause fires. Hypochlorites, chlorinated isocyanurates, and perborates are examples of oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: No uniquely hazardous decomposition products are expected. If the organic portion of product is burned, as with any nitrogen containing organic material, oxides or nitrogen, carbon dioxide, and water can be produced. Partial combustion may produce, in addition to the above, soot and various oxides of carbon.

## **SECTION VII - SPILL, LEAK, AND DISPOSAL INFORMATION**

WASTE DISPOSAL: Do not return spilled or contaminated material to inventory. Clean the area with large quantities of clean, cold water.

CLEAN UP: Collect the product with suitable means, shovel, and sweep, avoiding dust formation.

## **SECTION VIII - SAFE HANDLING AND USE INFORMATION**

- Never return unused product to the original container.
- Keep concentrate away from reactive substances.
- Prevent contact with organic materials.
- Keep product in original container
- Store in cool, dry area

Eye Protection: ANSI approved safety glasses with side protection, and also dust proof. It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

Skin Protection: Body-covering clothing.

Hygienic Practices: Wear protective gloves that are chemical resistant. Always wash hands after handling chemical.

Respiratory Practices: In most circumstances, no respiratory protection should be needed.

## **SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Maintain good housekeeping, avoid creating aerosols. For maintenance of product quality, store in dry cool (under 1100F) warehouse conditions.

### **KEEP OUT OF REACH OF CHILDREN**

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