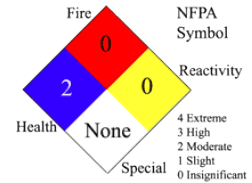




CTA Products Group  
5515 Goodman Rd. #130  
Olive Branch, MS 38671

**Oxo Cleaner**  
E-mail: [Info@OutlastCTA.com](mailto:Info@OutlastCTA.com)  
Phone: 662-536-1446  
Date: March 3, 2009



**For spill, leak, or Medical Emergency call Infotrac 800-535-5053**

**Section I - Hazard Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Oxalic Acid CAS# 144-62-7	1mg/M <sup>3</sup> (dust)	1mg/M <sup>3</sup> (dust)		

**Section II - Physical/Chemical Characteristics**

Boiling Point	> 212° F	Specific Gravity (H <sub>2</sub> O = 1)	1.060
Vapor Pressure (mm Hg.)	Unknown	Melting Point	@ 32° F
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Water = 1)	1
Solubility in Water: Soluble	VOC: 0.18 #'s/gallon 11.12 grams/liter		
Appearance and Odor: Mobile Liquid with very mild odor	Shipping Information: Cleaning Compound NOS, Non Hazmat, Class 55 NMFC = 48580		

**Section III - Fire and Explosion Hazard Data**

Flash Point (Method Used) Non-flammable	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media: As appropriate for surrounding fire.			
Special Fire Fighting Procedures: Use water spray to cool drums exposed to fire.			
Unusual Fire and Explosion Hazards: The liquid will react with metals like magnesium, aluminum, zinc (galvanized).			

**Section IV - Reactivity Data**

Stability	Unstable		Conditions to Avoid: Can react with strong alkali or hypochlorite bleach .
	Stable	X	
Incompatibility ( <i>Materials to Avoid</i> ) Soft metals such as aluminum, tin, or zinc may be discolored or damaged			
Hazardous Decomposition or Byproducts None Known			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section V - Health Hazard Data**

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards ( <i>Acute and Chronic</i> ): Oxalic Acid is corrosive to sensitive tissues and mucous membranes. <u>Inhalation</u> : Excessive inhalation of mist can cause mild irritation. Higher concentrations of mist may cause severe burns, tissue damage, and severe irritation of upper respiratory tract. <u>Eye contact</u> : Oxalic Acid is destructive to eye tissues on contact, and can cause burns that result in damage to the eyes. <u>Contact with the skin</u> : Oxalic Acid can cause burns if not rinsed from the skin immediately. <u>Ingestion</u> : Oxalic Acid, if swallowed, can cause severe burns and may be fatal.			
Carcinogenicity:	NTP? No	IARC Monographs No?	OSHA Regulated? No

## Oxo (cont'd)

Signs and Symptoms of Exposure: Irritation of the skin, eyes, mouth, and/or mucous membranes. The mist from this product can cause respiratory sensitization.

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis or conjunctivitis

### Emergency and First Aid Procedures

**Eyes:** Irrigate eyes with water for at least 15 to 20 minutes. Seek medical attention immediately. **Skin:** Wash contaminated areas with plenty of water. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear which cannot be decontaminated. Seek medical attention if irritation persists or if blistering is present. **Inhalation:** Get person out of contaminated area to fresh air. If breathing has stopped, resuscitate and administer oxygen if readily available. Seek medical attention immediately. **Ingestion:** Never give anything by mouth to an unconscious person. If swallowed, **do not** induce vomiting. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airways clear. Seek medical attention immediately.

## Section VI - Precautions for Safe Handling and Use

### Steps to Be Taken in Case Material is Released or Spilled

**Spill Cleanup Procedures:** For small spill flush with ample water. Rinse with a soda ash solution and finally with water. For large spills: First contain the spill and dilute with water; neutralize with soda ash before flushing to a drain. **Waste Disposal:** Flush to sewer. If large quantities of liquid are involved, pH adjustment may be required. Dispose in conformance with federal, state and local regulations. **Environmental Hazards:** This material is considered to be biodegradable. However, Oxalic Acid can be harmful to fish and other wildlife. Use in such a way that runoff does not contact streams or open waterways.

### Precautions to Be taken in Handling and Storing

Store in closed containers between 50° F – 120° F.  
Keep away from excessive heat.  
Store and use in well ventilated areas.  
Drum is not a pressure vessel; never use pressure to empty.

**Shelf Life – Use un-opened containers within 18 months of production date. DO NOT FREEZE.**

## Section VII - Control Measures

### Respiratory Protection (*Specify Type*)

In confined spaces or other circumstances where adequate ventilation cannot be assured use NIOSH-approved respirator, positive pressure airline mask, or self contained breathing apparatus.

Ventilation	Local Exhaust Suitable for almost all applications	Special
	Mechanical ( <i>General</i> )	Other

Protective Gloves  
Rubber or neoprene

Eye Protection  
Safety goggles & face shield where appropriate.

### Other Protective Clothing or Equipment

Use of a rubber or neoprene apron is highly recommended if the product is being used in such a way that it might contact the skin

### Work/Hygienic Practices

Normal Industrial Hygiene Practices. Keep out of the reach of children.