

# Safety Data Sheet

This SDS complies with OSHA's Hazardous Communication Standard 29 CFR 1910.1200 and OSHA form 174.

**EP Purification, Inc.**

**2105 W. Park Ct.**

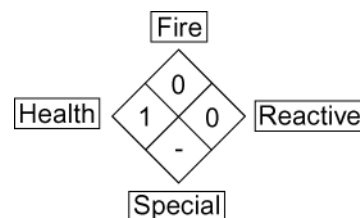
**Champaign, IL 61821**

**<https://www.ep-pure.com>**

Product Information (217) 693-7950

NFPA 704 Designation  
Hazard Rating

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant



Product Name	<b>AQUEOUS OZONE SOLUTION</b>				
Chemical Name	DISSOLVED OZONE GAS IN WATER 0 TO 2 PPM				
Product Description	AQUEOUS SOLUTION OF OZONE DISSOLVED IN POTABLE WATER				
D.O.T. Shipping Classification	NON REGULATED				
I PHYSICAL DATA					
Boiling Point	212 F	Freezing Point	32 F		
Specific Gravity	1.0	Solubility in Water	COMPLETE		
Evaporation Rate	APPROX 1	Physical Form	LIQUID		
Appearance & Odor	COLORLESS (CLEAR) WATER WITH FRESH, ASEPTIC ODOR				
II HAZARDOUS INGREDIENTS					
MATERIAL	HAZARD	CAS #	% BY WT	ACGIH TLV	OSHA PEL
None					
III FIRE AND EXPLOSION HAZARD DATA					
Flash Point	NA Method NA		Auto Ign. Temp.	NA	
Flammable Limits in Air	NON APPLICABLE		Lower NA	Upper NA	
Extinguishing Media	NON APPLICABLE				
Unusual Fire & Explosion Hazards	NONE				
Special Fire Fighting Procedures	NONE				

**Safety Data Sheet** Cont.Product Name **AQUEOUS OZONE SOLUTION**

<b>IV HEALTH HAZARD DATA</b>	
Threshold Limit Value	NOT DETERMINED
Route of Exposure	<input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Not Hazardous
Eye Contact Hazard	Exposure may cause mild eye irritation, but is not expected.
Ingestion Hazard	Not Hazardous
Inhalation Hazard	Inhalation is not likely to be a primary route of exposure but could become irritating if aerosols are exposed to individual for extended period of time.
Skin Contact Hazard	No skin irritation is expected from short term exposure.
Skin Absorption Hazard	No published data indicates this product is absorbed through the skin.
Effects of Acute Exposure	Mild skin or eye irritation.
Effects of Chronic Exposure	Repeated exposure of the skin to concentrated product should be avoided to prevent irritation and drying of the skin.
<b>V EMERGENCY AND FIRST AID PROCEDURES</b>	
Eye Contact	If exposure to water containing aqueous solution of ozone causes irritation to eyes, flush eyes with plenty of clean, ozone free, running water for at least 15 minutes, lifting the upper and lower lids occasionally. Remove contact lenses if worn. Seek medical attention if irritation persists.
Skin Contact	Not likely to become irritated unless repeatedly exposed to large volumes of material. If irritation develops, rinse affected area with ozone free potable water. If irritation continues seek medical advice.
Inhalation	Inhalation of mists could lead to irritation of lungs. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.
Ingestion	NA
<b>VI REACTIVITY DATA</b>	
Incompatibility (Materials to Avoid)	Natural rubber (may degrade, or "dry", rubber components over extended periods of exposure)
Conditions to Avoid	NONE KNOWN
Hazardous Decomposition	NONE
Stability	<input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE   Hazardous Polymerization <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR

**Safety Data Sheet** Cont.Product Name **AQUEOUS OZONE SOLUTION**

<b>VII SPILL OR LEAK PROCEDURES</b>				
Steps To Be Taken If Material Is Released Or Spilled		NONE		
Waste Disposal Method		DISPOSE OF THE SAME AS POTABLE RINSE WATER		
<b>VIII SPECIAL PROTECTIVE INFORMATION</b>				
Respiratory Protection (Specify Type)		NOT REQUIRED FOR NORMAL USE OF THIS PRODUCT		
Ventilation	Local Exhaust	PREFERABLE	Special	NA
	Mechanical (general)	OK	Other	NA
Protective Gloves	NOT REQUIRED			
Eye Protection	NOT REQUIRED			
Other Protective Equipment	NOT REQUIRED			
<b>IX SPECIAL PRECAUTIONS</b>				
Precautionary Labeling	Certified testing of Ozone systems by NSF (National Sanitation Foundation) has shown that under normal conditions of use, aqueous solutions containing low levels of ozone gas dissolved in potable water do not present a safety hazard when contact to the individual is incidental. When used in a room with normal ventilation, levels of ozone gas being released into the air have been shown by NSF to be well below the periodic exposure levels established by OSHA for worker safety through the use of ozone management technology.			
Precautions To Be Taken In Handling	Aqueous solutions of ozone in potable water should not be sprayed as an aerosol (i.e. >20psi) to avoid releasing higher levels of ozone gas into the work area. The decay rate of ozone gas is a function of temperature and exposure to organic material. Certified testing has shown that when ozone gas has been properly dissolved in ambient temperature (or colder (33 – 70 °F)) potable water at a level not exceeding 2 mg/l (ppm) using industry ozone management technology, the rate at which ozone is released from the water as ozone gas is below the PEL established for gaseous ozone.			
Rev. Date 12/01/18				
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