



## SAFETY DATA SHEET

**Product name** ClearView Filteraid

**Revision date** 7-12-15

**Product ID:** Filteraid

**Chemical Name:** Not available  
**Synonyms:** Not available  
**Chemical Formula:** Not available  
**CAS Number:** Not available  
**Product Use:** Filter Cleaner, removes oil, scale, organics.

**Supplier:** Oreq Corporation  
42306 Remington Avenue  
Temecula, CA 92590  
951-296-5076

**Emergency Phone#** Chemtrec: 1-800-424-9300

### EMERGENCY OVERVIEW DANGER



**Appearance** – Slight Yellowish

**Physical State** – Liquid

**Odor** - Mild

#### GHS Classification

Skin Corrosion/irritation: (Category 1) Serious eye damage/eye irritation (Category 1)

#### Hazard Statement(s)

H314: Causes severe skin burns and eye damage.

#### Precautionary Statement(s)

#### Prevention

P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
P264: Wash skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P303+P361+P353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+P311: IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician.  
P363: Wash contaminated clothing before re-use.



## SAFETY DATA SHEET

**Product name** ClearView Filteraid

**Revision date** 7-12-15

### **Potential Health Effects**

Primary routes of entry are by way of eye, skin and inhalation.

#### **Potential Health Effects: Eyes**

Severe irritation of the eyes and eyelids. If the acid is not quickly removed by thorough irrigation with water, there may be prolonged or permanent visual impairment or total loss of sight. Hydrogen chloride gas escaping from the aqueous solution is immediately irritating to the eyes.

#### **Potential Health Effects: Skin**

Irritating and corrosive to skin and can cause severe burns if not properly washed off. Repeated contact of the skin may lead to the development of dermatitis. The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.

#### **Potential Health Effects: Ingestion**

This product causes severe burns of mucus membranes of the mouth, esophagus, and stomach if swallowed.

#### **Potential Health Effects: Inhalation**

Inhalation of gas, mist, fog, or spray will cause severe irritation of the upper respiratory tract, resulting in coughing, burning of the throat, and a choking sensation. Excessive or long-term exposure may result in varying degrees of irritation or damage to the respiratory tract tissues and increased susceptibility to respiratory illness, including pulmonary edema. Prolonged or repeated exposure to concentration in excess of the TLV may cause discoloration and/or erosion of the teeth.

### **MIXTURES**

<b>Chemical Name</b>	<b>CAS #</b>	<b>Percent %</b>
Muriatic Acid	7647-01-0	5 - < 20
Phosphoric Acid	7664-38-2	1 - < 10
Alkyl Dimethyl Benzyl Ammonium Chloride	53516-76-0	1 - < 10
Other components below reportable levels		60 - < 80

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition.

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret. While some substances are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document.

**General advice** Do not get in eyes, on skin, or on clothing.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact** Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes. Consult a physician.



## SAFETY DATA SHEET

---

**Product name** ClearView Filteraid

**Revision date** 7-12-15

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. Call a physician immediately.

**Ingestion** Clean mouth with water. Do NOT induce vomiting. Call a physician immediately. Drink plenty of water. Never give anything by mouth to an unconscious person.

### Extinguishing Media

#### Suitable Extinguishing Media:

Carbon dioxide, dry chemical and foam may all be used in areas where hydrogen chloride is stored.

**Unsuitable Extinguishing Media:** Do not use water.

#### Fire Fighting Equipment/Instructions:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment. Refer to Section 8. Do not touch damaged packages or spilled material. Avoid contact with skin, eyes, and inhalation of vapors.

**Environmental precautions** Section 311 of the Clean Water Act lists Muratic Acid as a hazardous substance which, if discharged into or upon water, may require immediate response to mitigate danger to public health. Spills or releases should be reported, if required, to the appropriate local, state and federal agencies. See Section 12 for additional Ecological Information.

**Methods for cleaning up** Neutralize spill with alkaline material (sodium bicarbonate), being careful to prevent splattering, then containerize slurry and hold for later disposal. If local regulations permit, dilute slurry with water and rinse to drain with excess water. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes, and clothing. Do not ingest. Do not eat, drink, or smoke when using this product.

**Storage** Keep containers tightly closed in a dry, cool, and well-ventilated place. To maintain product quality, do not store in heat or direct sunlight. Do not store in metal containers. Keep out of the reach of children.

**Incompatible Products** Strong bases. Metals. Reducing agents. Oxidizing agents.



## SAFETY DATA SHEET

**Product name** **ClearView Filteraid**

**Revision date** **7-12-15**

**Control parameters**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Muriatic Acid 7647-01-0	Ceiling: 2 ppm	Ceiling 5 ppm (7mg/m <sup>3</sup> )	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>

Chemical Name	ACGIH TLV	OSHA Table Z-1 (-A)	NIOSH
Phosphoric Acid 7664-38-2	TWA 1 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup>	PEL 1 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup> TWA 1 mg/m <sup>3</sup>	REL 1 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection**

Safety glasses with side-shields.

**Skin and body protection**

Wear protective gloves/clothing.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Physical state:**

Liquid

**Form:**

No data available.

**Color:**

Slight Yellowish

**Odor:**

Mild

**Odor threshold:**

No data available.

**pH:**

1.5 – 2.0

**Melting point/freezing point:**

No data available.

**Initial boiling point and boiling range:**

No data available.

**Flash Point:**

No data available.

**Evaporation rate:**

No data available.

**Flammability (solid, gas):**

No data available.

**Upper/lower limit on flammability or explosive limits**

**Flammability limit - upper (%):** No data available.

**Flammability limit - lower (%):** No data available.

**Vapor pressure:**

No data available.

**Vapor density:**

No data available.

**Relative density:**

No data available.

**Solubility(ies)**

**Solubility in water:**

No data available.

**Solubility (other):**

No data available.

**Partition coefficient**

**(n-octanol/water):**

No data available.

**Auto-ignition temperature:**

No data available.

**Decomposition temperature:**

No data available.

**Viscosity:**

No data available.

**Explosive limit - upper (%):**

No data available.

**Explosive limit - lower (%):**

No data available.

**Stability:**

Stable under normal conditions

**Hazardous Reaction:**

Do not mix with alkalis or alkali metals to avoid possible violent reaction.

**Incompatible Materials:**

Reacts with Alkalis producing heat.

Reacts with many metals producing heat and Hydrogen Gas.

Avoid contacting this product with strong oxidizers as chlorine will be produced.

**Hazardous Decomposition Products:**

Phosphorus Pentoxide





# SAFETY DATA SHEET

**Product name** ClearView Filteraid

**Revision date** 7-12-15

## Ecotoxicity

### Acute hazards to the aquatic environment:

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Muriatic Acid 7647-01-0	None Established	282: 96 h Gambusia affinis mg/L LC50 static	None Established
Water 7732-18-5	None Established	None Established	None Established

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Phosphoric Acid 7664-38-2	No Data Available	No Data Available	No Data Available

Chemical Name	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Alkyl Dimethyl Benzyl Ammonium Chloride 53516-76-0	No Data Available	LC50: Striped bass (Morone saxatilis) 0.5 mg/l, 96 hours LC50: Bluegill (Lepomis macrochirus) 0.515 mg/l	NOEL: 0.0042 mg/l

**Persistence and degradability** No information available.  
**Bioaccumulation/Accumulation** No information available.  
**Mobility in Soil** No information available.

## Environmental Fate

When released into the soil, Muriatic Acid is not expected to biodegrade and may leach into groundwater.

## Waste Disposal Instructions

The materials resulting from clean-up operations may be hazardous wastes and, therefore, subject to specific regulations. Package, store, transport and dispose off all clean-up materials and any contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Shipments of waste materials may be subject to manifesting requirements.

Appropriate disposal will depend on the nature of each waste material and should be performed by competent and properly permitted contractors.

Ensure that all federal, state and local agencies receive proper notification of spill and disposal methods.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## DOT

**UN Number:** 1789  
**UN Proper Shipping Name:** Compound, Cleaning Liquid, N.O.S.  
**Transport hazard class(es)**  
**Class:** 8  
**Label(s):** 8  
**Packing Group:** II  
**Marine Pollutant:** Not regulated



# SAFETY DATA SHEET

**Product name** ClearView Filteraid

**Revision date** 7-12-15

## IATA

**UN Number** 1789  
**Proper shipping name** Compound, Cleaning Liquid, N.O.S.  
**Hazard Class** 8  
**Packing group** II

## IMDG/IMO

**UN Number** 1789  
**Proper shipping name** Compound, Cleaning Liquid, N.O.S.  
**Hazard Class** 8  
**Packing group** II

## Muriatic Acid

### International Inventories

<b>TSCA</b>	Complies	<b>IECSC</b>	Complies
<b>DSL/NDL</b>	Complies	<b>KECL</b>	Complies
<b>EINECS/ELINCS</b>	Complies	<b>PICCS</b>	Complies
<b>ENCS</b>	Complies	<b>AICS</b>	Complies

## **US Federal Regulations**

### **A: General Product Information**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the Controlled Products Regulations.  
This product has been classified hazardous under OSHA regulations (29 CFR 1910.1200).

### **B: Component Analysis**

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

## **State Regulations**

### **Component Analysis - State**

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

### **Component Analysis - WHMIS IDL**

No components are listed in the WHMIS IDL.

**WHMIS Classification:** D2B, B3

### **Additional Regulatory Information**

None

## Phosphoric Acid

### **US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

### **CERCLA Hazardous Substance List (40 CFR 302.4):**

Phosphoric Acid Reportable quantity: 5000 lbs.

### **Superfund amendments and reauthorization act of 1986 (SARA)**

#### **Hazard categories**

Not listed.



## SAFETY DATA SHEET

---

**Product name** ClearView Filteraid

**Revision date** 7-12-15

**SARA 302 Extremely hazardous substance**

None present or none present in regulated quantities.

**SARA 304 Emergency release notification**

**Chemical identity RQ**

Phosphoric Acid 5000 lbs.

**SARA 311/312 Hazardous chemical**

**Chemical identity Threshold Planning Quantity**

Phosphoric Acid 500 lbs

**SARA 313 (TRI reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

Phosphoric Acid Reportable quantity: 5000 lbs.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

<b>HMIS Ratings:</b>	<b>Health: 3</b>	<b>Fire: 0</b>	<b>Physical Hazard: 0</b>
<b>NFPA Ratings:</b>	<b>Health: 3</b>	<b>Fire: 0</b>	<b>Reactivity: 0</b>

**DATE OF PREPARATION**

**7-12-2015**

THE INFORMATION SUPPLIED ABOVE IS PRESENTED IN GOOD FAITH AND HAS BEEN DERIVED FROM SOURCES BELIEVED TO BE RELIABLE, HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS EXTENDED REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM ITS USE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ALL RISKS ARE ASSUMED BY THE USER.