



# CARUS™ 3200 WATER TREATMENT CHEMICAL

Municipal Drinking Water Data Sheet

CARUS™ 3200 water treatment chemical is an effective effective corrosion inhibitor developed specifically for use in potable and industrial water systems. The product is a liquid concentrate of exceptional purity, clarity, and stability.

## BENEFITS OF CARUS™ 3200

- Inhibits corrosion of steel distribution system water lines, iron and galvanized piping, and lead and copper plumbing
- Decreases iron tuberculation to extend the life of the distribution system
- Forms a stable, highly resistant film on the inside of distribution piping and metal surfaces providing for effective corrosion control
- Lowers lead and copper levels in the delivered potable water by inhibiting corrosion in the water system
- Decreases the potential for trihalomethane (THM) formation by using the product at a lower water pH
- Protects against the release of asbestos from cement water mains
- Saves money by reducing corrosion and decreasing hydrant flushing, leaks, and failures

## HANDLING & STORAGE

CARUS 3200 water treatment chemical should be handled with care. Wear proper protective equipment including goggles, face shield, apron, respirator and proper gloves when handling this product.

CARUS 3200 has a shelf-life of 3 years when stored and handled properly. Protect containers from physical damage. Store in a cool, dry, temperature controlled area in closed containers set off the floor. Store inside a heated building and off the floor for the best storage conditions at your facility. Exposure to temperature <math><0^{\circ}\text{F}</math> (-18°C) may cause the product to increase in viscosity. It may become cloudy and/or freeze. In case of accidental release: contain spill by collecting the liquid in a pit or holding behind a dam (sand or soil). Absorb with inert media and dispose of properly.

Disposal of all materials shall be in full and strict compliance with federal, state, and local regulations. **Consult the Safety Data Sheet (SDS) for additional safety information.**

## PROPERTIES & CERTIFICATIONS

<b>Description:</b>	Clear homogeneous liquid
<b>Specific Gravity:</b>	1.29 - 1.35
<b>pH , 1% Solution:</b>	<math><2.5</math>
<b>Shelf Life:</b>	3 Years
<b>NSF Maximum Feed Rate:</b>	15 mg/L
<b>NSF/ANSI Standard:</b>	60



## COMPATIBILITY INFORMATION

CARUS 3200 water treatment chemical can be stored in high-medium density polyethylene, cross-linked polyethylene, and fiberglass reinforced plastic. Piping materials may include schedule 80 PVC/CPVC piping, clear PVC, and white polyethylene tubing. Pump materials may include ceramic, Teflon™, Viton™, Hypalon, and PVC liquid end pump materials. Contact Carus Commercial Team for additional information.

Metering equipment can include diaphragm and peristaltic type metering pumps and other pumps meeting compatibility requirements.





## SHIPPING

CARUS™ 3200 water treatment chemical is listed as a corrosive liquid, acidic, inorganic, n.o.s. (phosphoric acid) and is hazardous according to the US Department of Transportation, Canada TDG, UN, IMDG, or IATA regulations.

## SHIPPING CONTAINERS

### 30 gallon (330 lb) Drum

Made of high density polyethylene (HDPE).  
Weighs 12.2 lbs. (5.5 kg).  
The net weight is 3430 lbs. (171.5 kg).

### 55 gallon (605 lb) Drum

Made of high density polyethylene (HDPE).  
Weighs 20.5 lbs. (9.21 kg).  
The net weight is 605 lbs. (274.4 kg).

### 275 gallon (3205 lb.) IBC (Intermediate Bulk Container)

The IBC has a 2 inch (5.08 cm) butterfly valve with NPT threads in bottom sump. Weighs 123.2 lbs. (55.9 kg).  
The net weight is 3205 lbs. (1372 kg).

Bulk quantities up to 3500 gallons are available.

Other containers may be available, contact Carus at (800) 435-6856 for details.

## CARUS VALUE ADDED

### LABORATORY SUPPORT

Carus has technical assistance available to answer questions, evaluate treatment alternatives, and perform laboratory testing. Our laboratory capabilities include: consulting, treatability studies, feasibility studies, and analytical services.

### FIELD SERVICES

As an integral part of our technical support, Carus provides extensive on-site treatment assistance. We offer full application services, including technical expertise, supervision, testing, and feed equipment design and installation in order to accomplish a successful evaluation and/or application.

### CARUS

During its more than 100-year history, Carus' ongoing emphasis on research and development, technical support, and customer service has enabled the company to become the world leader in permanganate, manganese, oxidation, and base-metal catalyst technologies.



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Driving Safety & Sustainability

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