



American Water Chemicals, Inc.

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9001 Brittany Way

Tampa, Florida 33619, USA

Telephone: (813)-246-5448

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PRODUCT DATA

AWC C-155 ODOR NEUTRALIZER

FEATURES

- Controls malodors caused from collection, transportation, processing and disposal of waste.
- Direct-contact odor neutralizer that actually removes existing odors and temporarily prevents the formation of new ones.
- May be fogged, sprayed, dripped or poured.
- Compatible with all known water and sewage treatment chemicals and will not change their properties.
- Will not kill aerobic or anaerobic bacteria. It has been shown in laboratory studies that **AWC C-155** will not harm bacteria in activated sludge even when dosed at concentrations as high as 1000 ppm. This allows for application of the product directly into the digester of a sewage treatment plant.
- Nonflammable and nontoxic to humans and animals.
- May be used for housekeeping needs, even in lunchrooms and lounges.

DESCRIPTION AND USE

AWC C-155 can be used at waste management facilities to handle a wide range of odor problems, regardless of their source. It is therefore ideal for all types of wastewater/sewage treatment plants, industrial or governmental.

Odors come from essentially two sources: The decay of organic matter such as waste products from plants or animals and from the interaction of minerals with ground acids or even water. In all cases, the conditions which give rise to odors are organic or inorganic compounds in low oxidation states. Almost without exception, those compounds with disagreeable odors are sulfides, mercaptans, amines and other organic materials in their lowest oxidation state.

AWC C-155 interacts with and oxidizes the odor causing compounds to a higher oxidation state. These compounds in the higher oxidation states do not cause odors.

APPLICATION AND TREATMENT REQUIREMENT

As with frequency of application, the dilution rate can vary considerably, depending on the type and intensity of the odor problem. **AWC C-155** may be applied in several ways:

1. May be atomized over entire area continuously.
2. Poured directly into sludge tanks. 1-2 gallons of **AWC C-155** may be applied to 3-4 million gallons of sludge liquid. Should be reapplied every 6 hours for trickle filter plants, and every 4 hours for sludge tank type operations.
3. Fogging devices may be installed directly on a drum of **AWC C-155** for small applications such as a



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digester, mall lagoon or lift station. Can be used at full strength for strong odors, 1 part product:3 parts water for weak odors.

4. May be mixed with effluent or irrigation systems at 1 ppm product : 10 ppm effluent.
5. May be sprayed over sludge with pressure sprayer.
6. To remove odor from equipment before servicing or repair (ie. pumps, belts, valves, tanks, etc...)
7. Add to mop water when cleaning floors and restrooms. Put in spray bottle to mist draperies, furniture, restrooms, lunchrooms and lounges.
8. To removing lingering odors that remain after spillage from sewer backups has been removed.

TYPICAL PROPERTIES

Appearance.	Clear yellow liquid
Odor	Strong lemon scent
% Volatile by vol0.90%
Specific gravity0.99 ± 0.01
Solubility in water.	Complete

SAFETY AND HANDLING

Avoid contact with skin and eyes. Flush skin or eyes with warm water at least fifteen minutes. If irritation persists, get medical attention. If this product is swallowed, do not induce vomiting. If victim is conscious, give plenty of water to drink. Get medical attention at once.

PACKAGING

AWC C-155 is packaged in 55 gallon, non-returnable plastic drums.