

Technical Data Sheet

Updated: February 2022



TERRASTAT™ 1522-R

Applications

Used as an antimicrobial in various water treatments or in secondary systems to control bacteria in accordance to EPA (Environmental Protection Agency) registration Number 91628-3-8743. TERRASTAT 1522-R is designed as an antimicrobial agent that may be used as a disinfectant or sanitizer in the process of water systems, Mills, fruits & vegetables, and agriculture systems.

Key applications: (1) Oil, gas and secondary oil recovery systems, drilling muds and packing fluids; and (2) antimicrobial rinse of precleaned or new returnable or non-returnable containers; and (3) reverse osmosis (RO), ultra-filtration (UF), and other membrane cleaning; and (4) biofouling control in pulp, paper and paperboard mill and water systems; and (5) control of slime forming bacteria and biofouling in once-through and recirculating cooling water (cooling towers, evaporative condensers, air washers) and ornamental or recreational water features; and (6) Microbial control in effluent treatment systems; and (7) treatment of fruit and vegetable process water systems; and (8) agriculture or horticultural uses; and (9) treatment of agricultural or irrigation water systems (sand filters, humidification systems, storage tanks, ponds, reservoirs, canals).

EPA Reg. No.

91628-3-8743

Chemical Composition

Chemical	Concentration (by weight)
Peracetic Acid	15.96%
Hydrogen Peroxide	23.34%
Acetic Acid	15-30%

Physical Properties

Parameter	Value
Sp. Gravity @ 25°C	1.138
Vapor Pressure @ 25°C	22 mmHg
pH @ 25°C	<1
Color	Colorless
Flash Point	77°C
Freezing Point	-49°C

Appearance

Clear, colorless liquid (pungent vinegar-like odor)

Storage

TERRASTAT™ 1522-R container must be stored in an upright position. The storage area should be well ventilated and shaded from sunlight. Keep away from heat sources and UV light.

Usage

Refer to EPA Label



Packaging

HDPE Plastic Pails, Drums, and Totes

Transport (DOT)

UN3109, ORGANIC PEROXIDE TYPE F, LIQUID (Peroxyacetic Acid, Type F, Stabilized (<43%)), 5.2(8)

