

Air Scrubber

C H E M I C A L S



CLEAN AIR.
Cleaner Future.



CLEAN CHEMISTRY.
Smarter Solutions.



GREEN FUTURE.
Sustainable Results.

POWERFUL CHEMISTRY FOR CLEANER AIR AND A GREENER FUTURE.

**Two-Stage
Recirculating
Packed Bed
Wet Scrubber**



SCRUBBER FORMULA



**POWERFUL
ODOR CONTROL**



**EFFECTIVE
PERFORMANCE**



**ENVIRONMENTALLY
RESPONSIBLE**

PEROXIBASE II



**SUPERIOR
OXIDATION**



**ADVANCED
CLEANING POWER**



**SAFER CHEMISTRY
BETTER RESULTS**



CLEAN AIR. CLEAN CHEMISTRY. GREEN FUTURE.



**TRUSTED SOLUTIONS FOR
INDUSTRY & MUNICIPAL APPLICATIONS**



SCRUBBER FORMULA®

TWO-STAGE RECIRCULATING PACKED BED WET SCRUBBER SYSTEM

OCPE®
ODOR CONTROL PRODUCTS & EQUIPMENT

POWERFUL. SAFE. SUSTAINABLE. COST SAVING.

Scrubber Formula® is a highly concentrated, liquid odor control chemical specifically designed for recirculating packed bed wet scrubber systems to deliver superior malodor control and operational efficiency. Use as the sole scrubber chemical in both stages.

REPLACES:

- SODIUM HYDROXIDE (CAUSTIC SODA)
- SODIUM HYPOCHLORITE (BLEACH)
- CHLORINE DIOXIDE
- CHLORINE GAS
- ACIDS

CONTAMINATED
AIR IN



HOW IT WORKS

Scrubber Formula® is metered and pumped into the acid washing port of each stage. The advanced formula neutralizes and captures foul air contaminants, controls odor-causing compounds, and supports a healthy microbial environment—delivering maximum performance and long-lasting results.

- ✓ Superior Malodor Control –100% removal of H₂S, ammonia, VOCs, and other tough odors
- ✓ Eliminates Chlorinated By-Products
- ✓ No Excess Sodium in Discharge
- ✓ Reduces Scaling and Corrosion
- ✓ Lower Maintenance and Operating Costs
- ✓ Safe, Non-Toxic, Non-Hazardous, and Sewer Disposable

CHEMICAL FEED SYSTEM

Chemical is metered and pumped into the acid washing port on each stage via 1/4" or 3/8" line using a peristaltic chemical metering pump.



FORMULATED WITH:

Hydrogen Sulfide
Oxidizing Bacteria

Gas Wetting
surfactants and
Silicone Defoamer

Microbial
Odor-controlling
Consortia

Zinc
Ricinoleate

Inclusion
Clathrate Odor
Encapsulator

Trade Secret
Plant-based odor
control technologies.
90%+ odor
removal.

Phenyl-
propanol

Essential Oils,
Plant Terpenes,
Botanicals, and
Extracts



Zero Odors
100% Odor
Removal



Cost Savings
20%-60%



No Chlorinated
By-Products



No Scaling
No Corrosion



Low Maintenance
High Efficiency



Safe, Non-Toxic
Sewer Disposable



Green &
Sustainable



55-GALLON DRUM

\$2,250.00
EACH



275-GALLON IBC TOTE

\$9,950.00
EACH

OCPE®
ODOR CONTROL PRODUCTS & EQUIPMENT

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Web: www.municipalodorcontrol.com



AIR SCRUBBER

Two-Stage Recirculating Packed Bed Wet Scrubber

OCPE
ODOR CONTROL PRODUCTS & EQUIPMENT

BENEFITS

- Eliminates Chlorinated By-Products.
- Reduces or Eliminates Excess Sodium to Deep Well Injection Sites.
- Does Not Create Scaling.
- Lowers Chemical Footprint.
- Cost Savings of 35–50% or more.
- Superior Odor Control.

CONTAMINATED AIR IN

FORMULATED WITH:

12–15% Hydrogen Peroxide



Gas Wetting Surfactant



Industrial Grade Peroxide Stable Deodorizer Comprised of Essential Oils and Plant Terpenes



Silicone Defoamer



Premium ingredients work synergistically for maximum odor control and long-term performance.



CLEAN AIR OUT



275 GALLON IBC TOTE
\$9,925.00 EACH
SOLE SOURCE PURCHASE

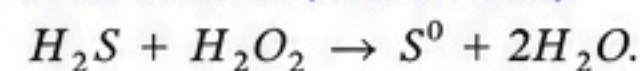
HOW PEROXIBASE II CONTROLS HYDROGEN SULFIDE

Peroxisbase II uses advanced oxidation chemistry to rapidly eliminate hydrogen sulfide (H_2S) in the scrubber water.

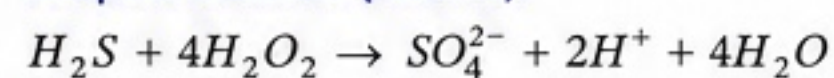
- 1 ABSORPTION:** H_2S is absorbed from the contaminated air stream into the recirculating water in the first stage.
- 2 OXIDATION:** Hydrogen peroxide in Peroxisbase II quickly oxidizes dissolved H_2S .
- 3 CONVERSION:** H_2S is converted to harmless sulfate, water, and hydrogen ions.

REACTION EQUATIONS

Direct Oxidation (Neutral/Acidic):



Complete Oxidation (Alkaline):



HOW IT WORKS

Peroxisbase II is metered and pumped into the acid washing port of each stage. The advanced formula neutralizes and captures foul air contaminants, controls odor-causing compounds, and supports a healthy microbial environment—delivering maximum performance and long-lasting results.

- ✓ Superior Malodor Control – 100% removal of H_2S , ammonia, VOCs, and other tough odors
- ✓ Eliminates Chlorinated By-Products
- ✓ No Excess Sodium in Discharge
- ✓ Reduces Scaling and Corrosion
- ✓ Lower Maintenance and Operating Costs
- ✓ Safe, Non-Toxic, and Sewer Disposable

CHEMICAL FEED SYSTEM

Chemical is metered and pumped into the acid washing port on each stage via 1/4" or 3/8" line using a peristaltic chemical metering pump.



Acid Washing Port



Works at Lower ORP Levels
200–600 millivolts



Reduces Water Consumption
Efficient chemistry requires less water for optimal performance



Works on Both Acidic and Alkaline Conditions
Effective across a wide pH range for maximum versatility



55-GALLON DRUM

\$2,250.00 EACH



Zero Odors
100% Odor Removal



Cost Savings
35–50% or more



No Chlorinated
By-Products



No Scaling
No Corrosion



Low Maintenance
High Efficiency



Safe, Non-Toxic
Sewer Disposable



Green & Sustainable

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