

Comparison of Effectiveness of Disinfection Alternatives

| | NSP MIOX | Hypochlorite 次亜塩素酸 | Ozone オゾン | On-Site Hypochlorite 電解式次亜 |
|---|-------------|-----------------------|--------------|----------------------------------|
| Effective(効力) | ◎ | ○ | ◎ | ○ |
| Safety(安全性) | ◎ | × | × | ○ |
| Operating Simplicity(操作性) | ◎ | △ | × | ○ |
| Chlorine Residual(残留塩素) | ◎ | ○ | × | ○ |
| Microflocculation(微細凝集作用) | ◎ | × | ◎ | × |
| PH/ORP Stability(PH/ORP の安定性) | ◎ | × | △ | △ |
| TTHM Reduction(トリハロ削減) | ◎ | × | ◎ | × |
| Microorganism(微生物不活性) 例: Cryptosporidium(クリプト) Legionella(レジオネラ菌) | ○ ◎ | × | ◎ ○ | × |
| Biofilm Removal(バイオフィルム除去) | ◎ | × | × | × |
| N ₂ Elimination (アンモニア脱窒素) | ◎ | ○ | × | ○ |
| Fe,Mn,H ₂ SOxidation(鉄他酸化) | ◎ | △ | ◎ | △ |
| Taste/Odor Elimination (味臭いの削減) | ◎ | × | ○ | × |
| Eye Burns Elimination (目刺激削除) | ◎ | × | ○ | △ |
| Disinfection Power(殺菌力維持) | ◎ | △ | △ | △ |
| Water Clearness(透明度向上) | ◎ | × | ○ | × |
| No Risk Explosion(爆発災害) | ◎ | × | × | △ |
| Facility Non-corrosion(設備非腐蝕) | ◎ | × | × | △ |
| NarrowSpace(狭設置スペース) | ○ | ○ | × | ○ |
| Saving water (節水) | ◎ | × | ○ | × |
| Low RunningCost (廉価維持費) | ○ | ○ | × | △ |
| Application of HACCP,ISO(ISO 対策) | ○ | △ | ○ | △ |
| Food Freshness(食材鮮度維持) | ◎ | × | ◎ | × |
| Complete disinfection(完全殺菌) | ○ | ○ | × | ○ |
| Spore Virus (芽胞形成菌) | ◎ | △ | ◎ | △ |

Legend: ◎ : Excellent(非常に良い) ○ : Good (良い) △ : Slightly bad (やや悪い)

× : Bad(悪い)