

## ■ Bio Deoriser odor reduction rates

Substance	Concentration reduction rate for substance	Solubility in water	Neutralization	Flow-through velocity
Nitrogenous compounds	Ammonia	○	Required	0.75~1.0 m/sec
	Trimethylamine	○		
	Dimethylamine	○		
	Diethylamine	○		
Sulfurous compounds	Methyl mercaptan	○	Required	0.75~1.0 m/sec
	Hydrogen sulfide	○		
	Methyl sulfide	○		
	Methyl disulfide	○		
Aldehydes	formaldehyde	○	Not Required	0.5~0.75 m/sec
	Acetaldehyde	○		
	Propionaldehyde	△~○		
	Normal butyraldehyde	△~○		
	Isobutyraldehyde	△~○		
	Isomer valeraldehyde	△~○		
	Isovaleraldehyde	△~○		
VOC	Isobutanol	△~○	Not Required	0.5m/sec以下
	Ethyl acetate	△		
	Methyl isobutyl ketone	△		
	Toluene	x~△		
	Xylene	x~△		
	Styrene	x~△		
	Isopropyl alcohol	○		
	Methylethylene	△~○		
	Formaldehyde	○		
	Propyl acetate	△		
	Cyclohexane	x~△		
	Phenol	△~○		
	PGME	○		
	PGMEA	○		
	N-methyl-2-pyrrolidone	△~○		
	Acetone	△~○		
	Methanol	○		
Ethanol	○			
Fatty acid	Propionic acid	△~○	Required	0.5~0.75 m/sec
	Normal butyric acid	△~○		
	Normal valeric acid	△~○		
	Isovaleric acid	△~○		

\*Figures indicate the average reduction rates for Deodorizer single shower specification, but these should be considered as references only as rates may vary depending on odor source concentration. We recommend performing an actual deodorization with a test device at the site in question.