The Shifting Effects Of The New 1,4-Dioxane Law

Concentrated/Compacted Product, 10 ppm 1,4-Dioxane (20% Surfactant)
- 25 ml Needed for Cleaning Task
- 50 mg of 1,4-Dioxane

1X Product, 5 ppm 1,4-Dioxane (10% Surfactant)
- 100 ml Needed for Cleaning Task
- 50 mg of 1,4-Dioxane

Same level of 1,4-Dioxane because more 1X product is needed for the same cleaning task.
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POTENTIAL 2022 SHIFT FOR THE MANUFACTURER

Water

Concentrated/Compacted Product, 4 ppm 1,4-Dioxane (20% Surfactant)

Product Dilution

Diluted Product, 2 ppm 1,4-Dioxane

(10% Surfactant)

1X Product, 2 ppm 1,4-Dioxane

(10% Surfactant)

Recommended dose for cleaning task 2 ppm 1,4-Dioxane

POTENTIAL EFFECT ON OUR ENVIRONMENT

Increased Plastic Consumption

Increased Water Consumption

Increased CO₂ Emissions

1,4-Dioxane

Some manufacturers may choose to (or need to) dilute their products to bring them into compliance of 1,4-Dioxane byproduct. In addition, this introduces the possible consequences displayed in the above graphic.