



# FOOD SAFETY MADE EASY

A Solution Story

DrySan Duo gives chocolate producer a simple way to get superior results

## CHALLENGES

- › **Long cleaning cycles** negatively impacting productivity
- › **Physically demanding** cleaning and sanitizing procedures requiring more than one worker
- › **High volumes of alcohol (70%)** in products causing strong odors and safety issues related to the high risk of flammability

## SOLUTION

DrySan Duo, an innovative rinse-free, 2-in-1 dry cleaning and sanitizing product that is safe to use on food-contact surfaces

## RESULTS

**Reduced** the number of operators needed to clean the line from

**2 to 1**



**Increased** production capacity by

**+96**

**additional hours per year**

**Decreased** chemical use by

**77%**



**Helped improve worker safety** through less chemical exposure, lower risk of flammability in hot-spot areas and decreased risk of slips and falls

**Enhanced cleaning performance and quality standards**

by reducing residue levels on production lines<sup>1</sup>



**40%**

**reduction in total cleaning time, which...**



<sup>1</sup>Based on ATP swab tests.



## SOLUTION

Technology

+

People

=

**EXPONENTIAL  
OUTCOMES**

With its extensive expertise in antimicrobials, Ecolab developed DrySan Duo, a ready-to-use, 2-in-1 dry cleaning and sanitizing product that is safe to use on food-contact surfaces.

The rinse-free formula removes heavy soils without the use of water, helping to **reduce the risk of microbial contamination** on production lines.

Ecolab also provided **onsite training** to help ensure the proper use of DrySan Duo and demonstrated how the quick-dry application could decrease both the number of people and amount of time needed to effectively clean and sanitize equipment.

Finally, since DrySan Duo doesn't produce strong odors, has a lower risk of flammability,<sup>2</sup> helps reduce floor slips and requires limited PPE, **worker safety was also improved.**

	CURRENT PROCESS	WITH DRYSAN DUO
<b>RTU Spray/Easy Wipe-Off Cleaning</b> (reduced workers from 2 to 1)		✓
<b>No Rinsing Required</b> (helped lower microbial-contamination risk)		✓
<b>Limited PPE Required</b>		✓
<b>One C&amp;S Product</b> (reduced chem use and C&S time; increased production time)		✓
<b>Consistent Results</b> (compared to standard C&S processes)		✓

<sup>2</sup> DrySan Duo is classified as "combustible" with a flash point of 39°C, which is >16°C higher than products classified as "flammable."