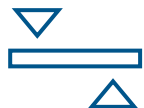


# Weigh & Dispense



Provides support for the weigh & dispense process

## Overview

In formulation industries, it is of critical importance that different raw materials are correctly and precisely weighed and placed into appropriate containers. This process is time consuming, sensitive and prone to errors, involving both manual material handling operations as well as interaction with an electronic scales. A system must ensure that operators have the necessary qualifications, use the necessary protection equipment; that only calibrated scales are used and that weighed quantities fall

within predefined tolerances and labels are printed correctly. The same system must ensure full traceability and meet the defined regulatory compliance requirements.

The Weigh & Dispense module provides integrated support for the weigh & dispense process, combining material tracking, resource tracking and equipment integration.

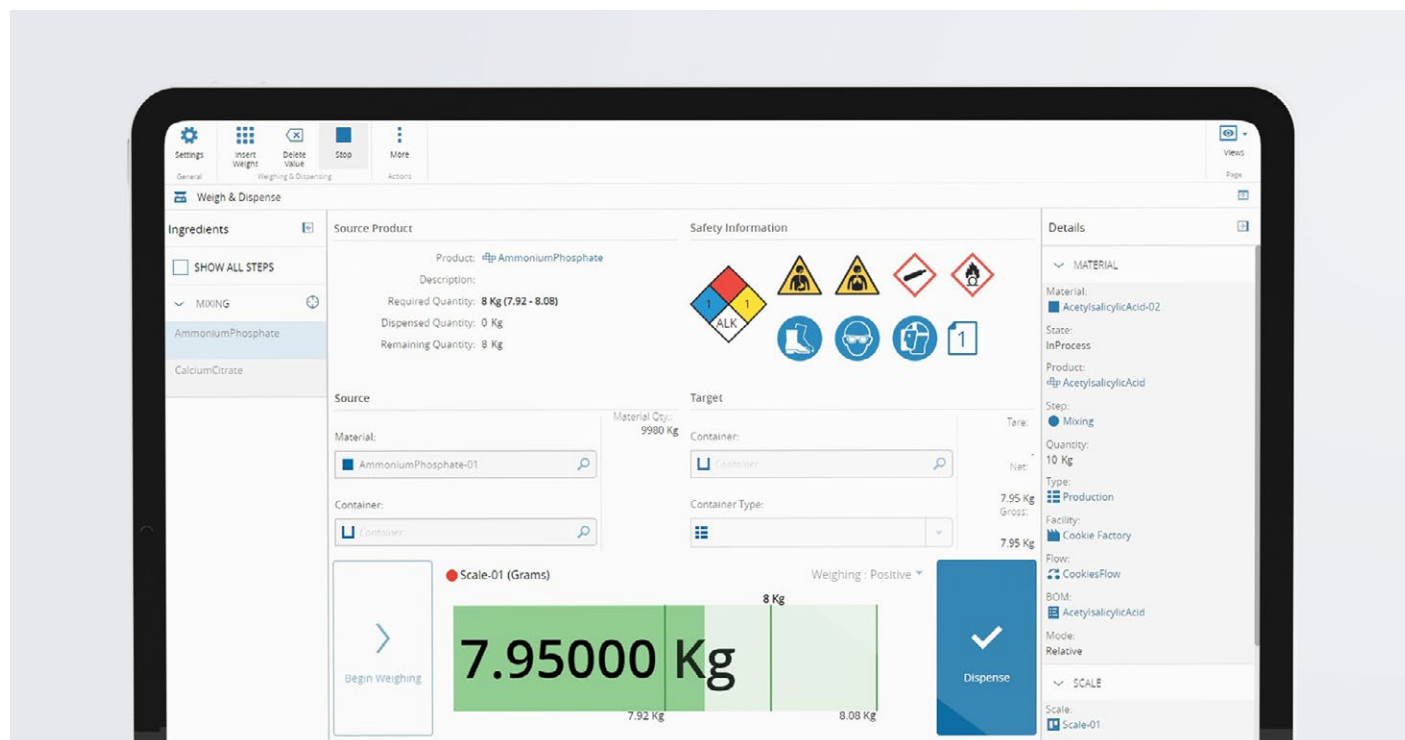


Figure 1 Weigh & Dispense example

## Key Features

- Define formulas with tolerances based in relative or absolute values, with individual notes for each raw material
- Support for single formulas with multiple weigh & dispense process steps
- Display product safety information, including online visualization of Safety Data Sheets
- Guide operators through the complete weigh & dispense process with visual aids
- Enforce the correct scale selection, taking into account the calibration status as well as the scale range and precision
- Support positive and negative weighing methods
- Support label printing for each dispensed material
- Ensure full traceability for the weigh & dispense process
- Integrate with different electronic scales
- Native integration with both Material and Resource tracking

## Benefits




- Increased operational efficiency
- Improved traceability and regulatory compliance
- Reduction of scrap, rework, and customer complaints
- Reduction in the opportunity for errors
- Improved client satisfaction

Scale & Printer

1 SCALE & PRINTER — 2 SAFETY INFORMATION


■ Aspirin-01 (InProcess) / # Aspirin / ● Dispensing / 100 Kg

### Route Of Exposure





Ingestion      Inhalation      Skin Absorption

### Hazard Classifications







Health: **2- Hazardous**  
 Fire: **2- Ignites when moderately heated (ignites below 200 F / 93°C)**  
 Instability: **4- May Detonate**  
 Specific: **ACID- Acid ALK- Alkali COR- Corrosive OXY- Oxidizer** ☢ **Radioactive**  
**W- Use No Water**

### Hazard Information

Flammable Material      Compressed Gas      Harmful To The Environment      Oxidizing

### Protection Equipment

Boots      Safety Glasses      Chemical Goggles      Face Shield

Comments:

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Figure 2 Weigh & Dispense safety information example