

Product inventory cleanup

A compact example of two exports combined into one review-ready table. Original files remain unchanged.

12	11	1	2
Input rows	Rows retained	Exact duplicate removed	Conflict rows retained

What changed

- Trimmed extra spaces and standardized category capitalization.
- Standardized prices to two decimals and dates to YYYY-MM-DD.
- Removed one exact duplicate after normalization.
- Retained both 00020 records because their prices conflict.
- Preserved product IDs as text and kept blank quantities distinct from zero.
- Escaped spreadsheet-control prefixes in the CSV export.

Before and after

Source	Original	Clean result
east:2	00017 Oak Desk Lamp lighting 49.00	00017 Oak Desk Lamp Lighting 49.00
east:4	00019 Stoneware Mug Kitchen 09/20/2026	00019 Stoneware Mug Kitchen 2026-09-20
west:2	00017 Oak Desk Lamp Lighting 49	Removed as exact normalized duplicate

Review-ready output

Every retained row keeps a source locator. Conflicts and missing values stay visible for a customer decision.

ID	Product	Price	Qty	Status
00017	Oak Desk Lamp	\$49.00	12	Ready
00018	Linen Throw	\$38.00	0	Missing restock date
00019	Stoneware Mug	\$14.50	24	Ready
00020	Maple Tray	\$32.00	blank	Conflicting ID; Missing quantity
00021	Canvas Tote	\$18.00	8	Ready
00022	@Home Storage Bin	\$26.00	5	Ready
00020	Maple Tray	\$35.00	blank	Conflicting ID; Missing quantity
00023	Wool Cushion	\$42.00	9	Ready
00024	Glass Carafe	\$29.00	6	Ready
00025	Cedar Hooks	\$22.00	10	Missing restock date
00026	Entryway Basket	\$34.00	4	Ready

Needs review	Product 00020 appears twice with prices of \$32.00 and \$35.00. Both rows were retained.
Blank vs zero	Product 00018 has a real quantity of 0. Both retained 00020 records have blank quantities. They remain distinct.
CSV note	The CSV is UTF-8 and escapes text beginning with =, +, - or @. Use the XLSX when text IDs must display exactly in Excel.

Demonstration only. Synthetic product and inventory data. No customer information is shown.