

Manage Lot Numbers and Expiration Dates

04/09/2025 12:47 pm CDT

Overview

Skustack is the primary tool used to manage [lot numbers and expiration dates](#). There are various scenarios where you will need to deal with lot numbers and expiration dates, such as when expirable inventory is received (e.g., receiving POs or transfers, positive adjustments, etc.), where a lot number/expiry date needs to be added. Similarly, when inventory goes out (e.g., picking, negative adjustments), an existing lot number must be selected to deduct from.

For other scenarios like receiving RMA's or warehouse inventory transfers, it is usually necessary to select a lot number that was shipped with the order/transfer. If no lot number is selected during shipping, you will have the option to create a new one.

Before working with lot numbers and expiry dates, ensure that [all settings are configured correctly for your account](#).

Prerequisites

Several settings must be configured to enable the lot expiration tracking functionality:

1. To effectively track lot numbers, set up [bin-enabled warehouses](#). Lot numbers can only be tracked through warehouses where inventory is strictly managed per bin.
When transferring quantity out of a bin-enabled warehouse to a non-bin-enabled warehouse, the lots will be lost.
2. Enable the client setting **Enable Lot Expiry Workflow in Skustack**. Enabling this setting ensures that lot expiration is properly tracked and managed within the systems.
3. Contact your onboarding representative or [Sellercloud Support](#) to enable the following app setting:
EnableProductLotExpiry.
4. For Independent kits, contact your onboarding representative or [Sellercloud Support](#) to enable the **AutoUpdateExpirableStatusOnKitParentsBasedOnComponents** app setting:
 - a. This setting will not allow manual editing of the **Expirable** setting of independent kit parents and will make it dependent on the **Expirable** setting of the components.
 - b. Any time **IsExpirable** is updated on any components, it will automatically update the kit parent.
 - When initially starting to use this workflow, this setting should be enabled before any of the components are marked as **Expirable** so the parent status will be updated accordingly.
 - For any parent that already has assembled quantity, a **Product Lot Expiration Import** plugin must be used to import the lot information. Contact your onboarding representative or [Sellercloud Support](#) for assistance.

Initial Lot Numbers Import

You can use the **Product Lot Expiration Import** plugin to import lot information for any expirable items that already have quantity in bins. This plugin should only be used the first time you are importing lot numbers. Contact your onboarding representative or [Sellercloud Support](#) for assistance.

Add Lot Numbers

In this section, you will learn how to add a lot number/expiry date when inventory comes in (ex: receiving POs or transfers, positive adjustments, etc). Let's look at how we would add a lot number and expiration date for positive adjustments:

1. Go to the [Manage Bins module](#).
2. Open the bin and select the product you want to adjust the quantity for.
3. Scan or enter the adjusted quantity.
4. Tap the **More Lot/Expirys** in the dialog.
5. Either select an existing lot from the list or start typing to search for the lot number – The list will filter as you type.
6. If the lot number does not exist yet, a calendar will appear on the dialog and you will need to select the expiration date and tap **Add New Lot Expiry**.

The visibility of lot numbers in the Skustack app may be limited due to the number of lots created in the system. If you enter a lot number that already exists but is not displayed in the list of lot numbers on the dialog, you can still select the correct expiration date, and the system will automatically identify the matching lot number to prevent duplicates.

Select a Lot Number When Inventory is Leaving the Bin

Here we will select an existing lot number when inventory is leaving the bin (ex: picking, negative adjustments, etc). Let's consider the example of selecting lot number and expiry date for negative adjustments:

1. Go to the [Manage Bins module](#).
2. Open the bin and select the product you want to adjust the quantity for.
3. Scan or enter the adjustment quantity.
4. The **Select Lot Number** dropdown will appear with the available lot numbers. It will also include the expiration date, bin, and qty for each lot number.
5. The lot number selected needs to have enough qty in the bin that is selected. You will not be allowed to pick or adjust down more units of a lot number than are available in the selected bin.

View Lot Numbers

There are several ways to find information about lot numbers in the Skustack app:

1. In the [Product Info module](#):
 - a. Search for the product.
 - b. Open the Lot Expirys.
 - c. You will see a list of all lot numbers on the product and which bin they are in as well as the qty.

2. In the [Manage Bins](#) module:
 - a. Search for a bin.
 - b. Swipe left on a product.
 - c. Tap the **Lot/Expiry** icon to see the lot numbers in that bin, as well as the qty and expiration date.

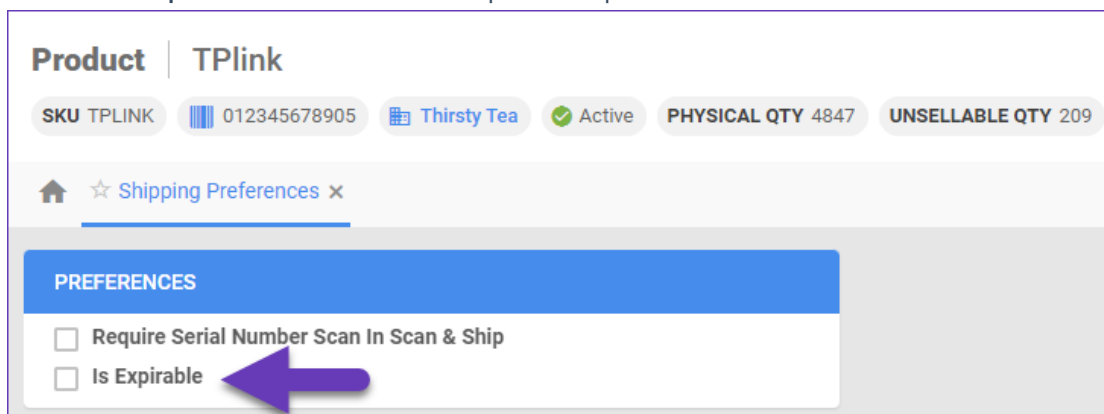
Lot number management for independent kits differs from non-kits. Learn more [here](#).

Manage Lot Numbers

There are several ways to manage lot numbers in the Skustack Admin portal.

Configure Products

1. Navigate to the Skustack Admin portal at <https://xx.skustack.com> (replace “xx” with your **server ID** or **team name**).
2. Enter your login credentials.
3. On the left, select **Products** > **Manage Products**.
4. Open the product details page of a product.
5. Click **Toolbox** and select **Shipping Preferences**.
6. Click the **Edit** button in the upper right-hand corner.
7. Check the **Is Expirable** box. This will mark the product as perishable.

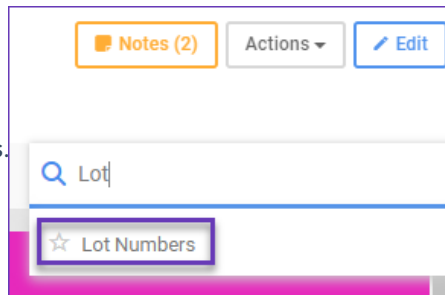


View Lot Numbers

To view lot numbers for a specific product:

1. Navigate to **Products** > **Manage Products**.
2. Open the product details page of a product.

3. Click **Toolbox** and select **Lot Numbers**.



4. You will see the information about lot numbers associated with this product.

a. Use the **Lot Number** and **Bin** filters to search for specific lot numbers or bins.

LOT NUMBERS				
Lot Number ▾	Bin ▾	SEARCH		
LOT NUMBER	EXPIRE DATE	QTY AVAILABLE	WAREHOUSE	WAREHOUSE BIN
123456	08/31/2025	3	binny	bin3
123456	08/31/2025	10	binny	A01
07092023	07/09/2023	0	binny	A01
07092023	07/09/2023	0	binny	PickingBin-Warehouse-169
06/2024	06/07/2024	1	binny	A01
Displaying results 11-15 of 15			<< < 1 2 > >>	

To view lot numbers for all products:

1. Navigate to **Reports > Product Lot Numbers > Manage Product Lot Numbers**.

2. Configure your **Default filters** to make sure that the results display exactly what you need.

3. Click **Search**. Each filter you apply gets highlighted. If a filter is gray or not displayed at all, it's not active.

4. To manage the columns in the grid, click the three dots icon on the top right and select **Customize Columns**. You can:

- a. Reorder columns by dragging them up or down in the list;
 - b. Hide columns by clicking the **Trash** icons;
 - c. Add columns by clicking **Add column**.
5. To arrange the data in a different order, use the **Sort by** menu.
 6. To save your filtering and sorting options, click **Save view**, enter a **Name**, and click **Save**.
 7. Select a lot from the grid and access the **Actions** menu at the lower right-hand corner to **Export to Excel**.

Refer to the table below for a description of each filter.

FILTER	DESCRIPTION
Lot Number	The unique code you assign to a product lot for tracking purposes.
Product ID	A product's unique SKU identifier.
Expiry Date	The date range within which a lot expires.
Is Expired	Whether the lot is past its expiry date or not.
Days To Expiration	The number of days left until the lot expiry date.

To view lot numbers associated with an order:

1. Navigate to **Orders > Manage Orders**.
2. Open the order details page of the order you want to check.
3. Click **Toolbox** at the top right and select **Lot Numbers**.
4. You will see information about lot numbers associated with products in this order.

Product Lot Number Activity

To view lot number activity such as POs, orders, and FBA shipments:

1. Navigate to **Reports > Product Lot Numbers > Product Lot Number Activity**.
2. Configure the filters at the top of the page to display exactly what you need. The report shows:
 - a. Purchase orders containing products with lot numbers are in the PO DATA table.
 - b. Orders containing products with lot numbers are in the ORDER DATA table.
 - c. FBA shipments containing products with lot numbers are in the FBA SHIPMENT DATA table.

Product Lot Number Activity

Product ID Lot Number Expiry Date on Activity Date on Days To Expiration SEARCH CLEAR

PO #	PRODUCT ID	LOT NUMBER	EXPIRY DATE	QTY RECEIVED	ACTIVITY DATE
1234452265	TPLINK	NEWTESTLOT	06/09/2027	50	05/09/2023
1234452265	TPLINK	NEWTESTLOT	06/09/2027	-50	05/09/2023
1234451835	00001231231	07092023	07/09/2023	10	01/10/2023
1234451835	00001231231	614	06/02/2024	4	01/10/2023
1234451835	00001231231	07092023	07/09/2023	6	01/10/2023
1234451835	00001231231	07092023	07/09/2023	-5	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	-10	01/10/2023
1234451835	00001231231	07092023	07/09/2023	-1	01/10/2023
1234451835	00001231231	07092023	07/09/2023	1	01/11/2023
1234451835	00001231231	07092023	07/09/2023	1	01/11/2023
1234451835	00001231231	07092023	07/09/2023	1	01/11/2023
1234451835	00001231231	07092023	07/09/2023	4	01/11/2023
1234451835	00001231231	07092023	07/09/2023	1	01/11/2023
1234451835	00001231231	07092023	07/09/2023	1	01/11/2023
1234451835	00001231231	07092023	07/09/2023	2	01/11/2023
1234451835	00001231231	07092023	07/09/2023	-4	01/11/2023

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ORDER DATA

ORDER #	PRODUCT ID	LOT NUMBER	EXPIRY DATE	QTY SHIPPED	ACTIVITY DATE
5135940	test123	121	08/16/2022	100	12/05/2022
5128934	TPLINK	07092023	07/09/2023	1	07/13/2022

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FBA SHIPMENT DATA

SHIPMENT #	PRODUCT ID	PACKAGE ID	LOT NUMBER	EXPIRY DATE	QTY SHIPPED	ACTIVITY DATE
6229	AQR82S	13236	leafTest	04/29/2023	11	04/04/2023
5775	AQ6CKW	12692	07092023	07/09/2023	0	11/29/2022
5770	AMPKIT4	12684	SORO	09/01/2022	12	11/28/2022
5751	HandSoap	12653	sometime	04/01/2032	5	11/17/2022
5743	001296F-Prime	12645	2233445	01/25/2023	2	11/14/2022
5743	001296F-Prime	12645	q	11/01/2024	2	11/14/2022
5743	001296F-Prime	12646	q	11/01/2024	1	11/14/2022
5742	AMPKIT4	12642	Miri1	04/01/2022	1	11/11/2022
5742	AMPKIT4	12642	Miri6	05/29/2022	5	11/11/2022
5742	AMPKIT4	12642	SORO	09/01/2022	3	11/11/2022

Displaying results 1-10 of 25

Refer to the table below for a description of each filter.

FILTER	DESCRIPTION
Product ID	A product's unique SKU identifier.
Lot Number	The unique code you assign to a product batch for tracking purposes.
Expiry Date	The product lot expiry date.
Activity Date	The date when the activity occurred.
Days To Expiration	The number of days left until the lot expiry date.

Reconcile Lot Numbers

Reconcile your inventory to match a product's bin quantity to the quantity of a specific lot number.

1. Navigate to the Skustack Admin portal at <https://xx.skustack.com> (replace "xx" with your server ID or team name).
2. Enter your login credentials.
3. On the left, select **Reports > Product Lot Numbers > Lot Numbers Reconciliation**.
4. Configure your **Default filters** to make sure that the results display exactly what you need.
5. Click **Search**. Each filter you apply gets highlighted. If a filter is gray or not displayed at all, it's not active.
6. To manage the columns in the grid, click the three dots icon on the top right and select **Customize Columns**. You can:
 - a. Reorder columns by dragging them up or down in the list;
 - b. Hide columns by clicking the **Trash** icons;
 - c. Add columns by clicking **Add column**.
7. To arrange the data in a different order, use the **Sort by** menu.
8. To save your filtering and sorting options, click **Save view**, enter a **Name**, and click **Save**.
9. Access the **Actions** menu at the lower right-hand corner to generate a **Bin Lot Reconcile Audit Report**, or select a product from the grid and **Reconcile Bin Qty To Lot Qty**. Reconciling the quantity will adjust the bin quantity to

match the lot number data.

MANAGE LOT NUMBERS RECONCILIATION

Default filters: Company Warehouse binny ProductID Bin Name Bin Qty Range

SEARCH CLEAR SAVE VIEW

Sort by Bin 1%

PRODUCT ID	WAREHOUSE	BIN	BIN QTY	LOT QTY	EXPIRABLE
☐ DRILLBIT	binny		47	1	true
☐ wtrlotest7	binny	A01	0	27	true
☐ ampkit4	binny	A03	9	0	true
☐ MIRISLOT981C3	binny	A03	10	20	true
☐ WFSProduct	binny	A03	115	0	true
☐ HandSoap	binny	a05	8	0	true
☐ BBW WVS	binny	bin1	58	47	true
☐ AQR82S	binny	bin3	93	8	true
☐ HandSoap	binny	bin3	13	21	true
☐ MIRISLOTAE65B	binny	bin3	0	5	true
☐ test123	binny	bin3	14	89	true
☐ AMPKIT4	binny	cycle-count-test-bin	4	0	true
☐ AMPKIT4	binny	MKH	0	3	true
☐ 001296F-Prime	binny	PickingBin-FBA-Warehouse-169	8	9	true
☐ AMPKIT4	binny	PickingBin-FBA-Warehouse-169	83	28	true
☐ AQR82S	binny	PickingBin-FBA-Warehouse-169	11	12	true
☐ HandSoap	binny	PickingBin-FBA-Warehouse-169	0	-20	true
☐ AQR80B	binny	PickingBin-W2W-Warehouse-169	0	5	true
☐ HandSoap	binny	PickingBin-W2W-Warehouse-169	2	0	true
☐ MIRISLOT2FE54	binny	PickingBin-W2W-Warehouse-169	0	30	true
☐ MIRISLOTAE65B	binny	PickingBin-W2W-Warehouse-169	0	10	true

34 results

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Refer to the table below for a description of each filter.

FILTER	DESCRIPTION
Company	The company selling the product.
Warehouse	The warehouse where the product is currently stored.
ProductID	The product's unique SKU identifier.
Bin Name	The bin where the product is currently placed.
Bin Qty Range	The quantity of the product in a bin.

Enable or Disable Lot Numbers

By disabling expired lot numbers, warehouse managers can ensure compliance and uphold product quality by preventing the distribution of expired products to customers. Disabling the lot number ensures that these products are not accidentally selected for picking.

To enable or disable a lot number:

1. Navigate to **Settings > Warehouse Lot Numbers**.
2. Apply your desired filters.
3. Select the lot numbers from the grid.
4. Access the **Actions** menu to either **Enable** or **Disable** the lot numbers.

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Search for anything, sku, customers, etc.

Manage Warehouse Lot Numbers

Default filters

LotNumber

Expiry Date: between 05/01/2023 and 05/...

Create Date

Created By

Active Status Enabled

SEARCH

CLEAR

SAVE VIEW

Sort by

ID

5 results

ID	LOT NUMBER	EXPIRY DATE	TOTAL QTY	CREATED BY	CREATED ON	ACTIVE	
1547	sep5-2	05/01/2023	5	test@skustack.com	05/06/2021	●	History
1471	ELT5678	05/05/2023	8	test@skustack.com	08/12/2020	●	History
1420	MLT21	05/14/2023	0	test@skustack.com	05/11/2020	●	History
1409	MTL11	05/05/2023	0	test@skustack.com	05/08/2020	●	History
1399	MLT1	05/11/2023	0	test@skustack.com	05/07/2020	●	History

Search...

FAVORITES

Try starting some items from the list below:

ACTIONS

Enable Warehouse Lot Number

Disable Warehouse Lot Number

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