Simpana

CHEMICAL WAREHOUSE MANAGEMENT SYSTEM

ABOUT US

- Simpana Technologies is all about excellence, passion and flexibility. We have offered world class services in IT consulting, offshore software development, testing and user interface design.

- We work on diverse projects ranging from simple information systems and websites to complex enterprise type architectures, desktop or web-enabled applications, traditional n-tier and service oriented architectures. We follow three main rules to get to our goals: do it on-time, do it within scope and offer the best services.
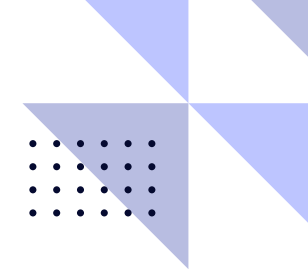
OUR MISSION

Our mission combines work and talent. We seek to achieve extraordinary results by helping our clients make distinctive improvements. How do we do it? By leveraging best-of-breed technology and building a great company that is profitable and appeals to, helps develop and retains exceptional people.

Our passion for what we do led us here. Our vision guides our business every day to provide one of the best IT consulting and software development services while taking care of our people and honoring our values.

OUR VISION
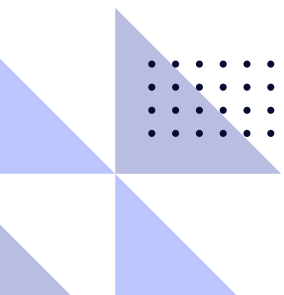
Solution Overview

Inventory Tracking: Monitors chemical stock.

Safety Management: Ensures safety protocols.

Efficient Movement: Manages chemical transfers.

Compliance: Meets regulatory standards.

Order Processing: Simplifies order handling.

Reporting: Generates key reports.

Efficiency: Boosts warehouse productivity.

Introduction

- **Manages Chemical warehouse operations.**

- **Centralizes chemical inventory, safety, and compliance data.**

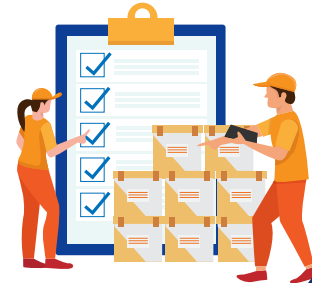- **Enhances order processing and reporting for efficient chemical handling.**

- **Role-specific design for warehouse staff and managers.**

Scope

Chemical Inventory and Management
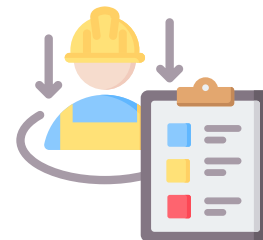Simplifies chemical inventory with accurate tracking and efficient stock updates.

Warehouse Scheduling and Resource Allocation
Optimizes scheduling and resources for efficient chemical storage and distribution.

Safety Compliance and Protocols
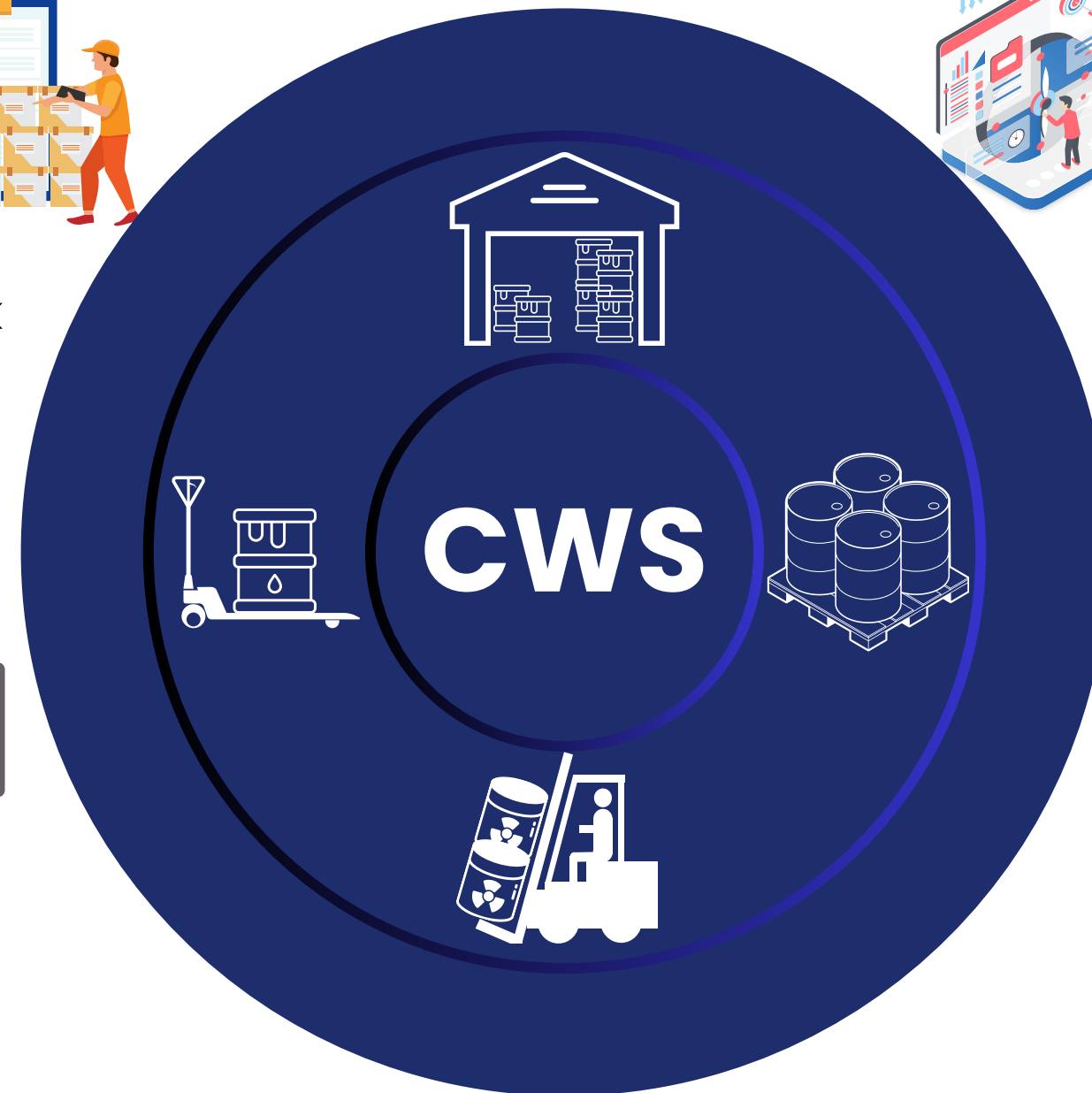Ensures safety compliance and proper chemical storage.

Activity Monitoring and Reporting
Tracks daily warehouse activities and generates reports for informed decisions.

CWS

Order Processing and Fulfillment
Enables efficient order processing with timely fulfillment and accurate inventory updates.

About CWS
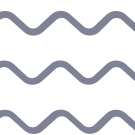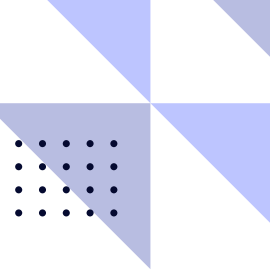
- Optimizes chemical inventory and safety compliance.

- Ensures Efficient Order Processing and Fulfillment.

- Improves Data Accuracy and Accessibility.

- Streamlines Warehouse Management Processes.

FEATURES

1. Inventory management and tracking
2. Safety compliance and hazardous material handling
3. Order processing and fulfillment
4. Storage optimization and space utilization
5. Automated reordering and stock alerts
6. Role-based access control
7. Activity logging and reporting
8. Approval Workflows
9. Data Accuracy and Periodical Reporting

System Modules

01 Dashboard

02 Inventory

03 Safety Compliance

04 Order Processing

05 Storage Optimization

06 Stock Alerts & Activity Logs

07 Approval Workflows
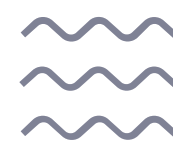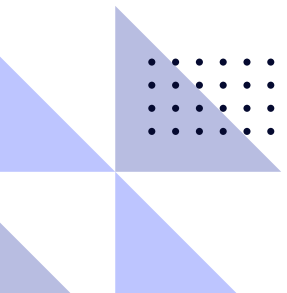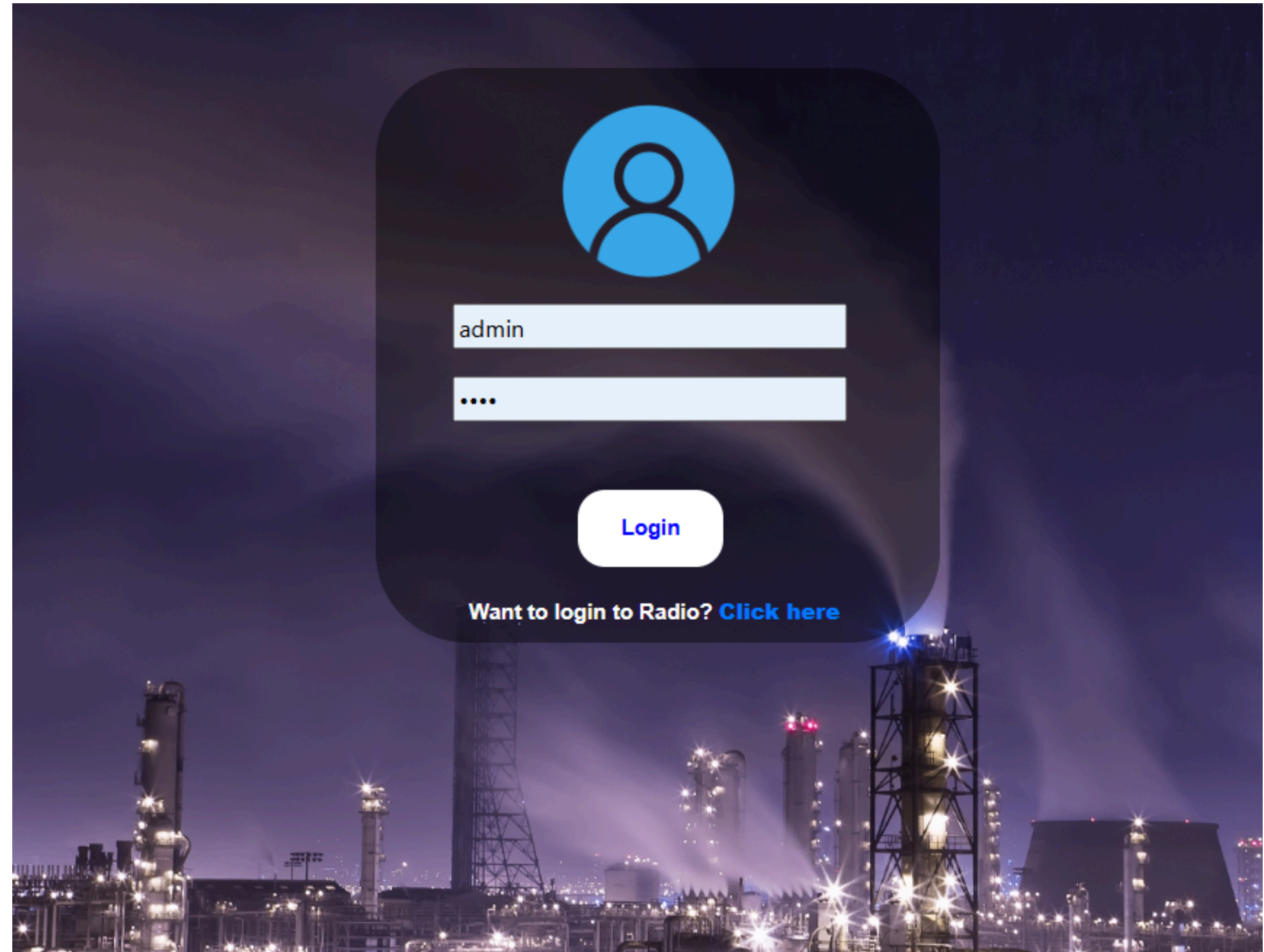
SCREENSHOTS

Login Page

- **Credentials:** Admin provides username and password.
- **Login:** Users access the system with credentials.
- **Homepage:** Successful login redirects to the dashboard.

Homepage

- **Easy Navigation:** Access modules via navigation bar.

Create Product

- User can easily add new product.

Create Product

Description* _____

SAP No * _____

Category * --- Select Category --- ▼

Plant * ---Select Plant--- ▼

Type * --- Select Type --- ▼

UOM * --- Select UOM --- ▼

Chemical Nature* Select Chemical Nature ▼

Save

Delete Product

- User can either delete one product at a time or multiple products.

Product Catalog >> **Create Product**

| Delete | Export | | | | | | | | Refresh |

| | Previous | | Page | 1 | of 4 | | 20 rows | Next | |

Select All ⊟	Description	SAP No	Category	Type	UOM	Plant	Chemical Nature	Modified Date	Modified By
☑	ACTIVATED ALUMINA	6003314	CATALYST	SOLID	PLT	U&O	EXPLOSIVE	4/16/2020	admin
☑	ACTIVATED CARBON	6003319	CATALYST	SOLID	PLT	U&O	EXPLOSIVE	4/16/2020	admin
☑	ADSORBENT	6004853	CATALYST	LIQUID	DRUM	PC	EXPLOSIVE	12/9/2020	admin
☐	ADSORBENT,N/A:	6003684	CATALYST	LIQUID	DRUM	PHENOLICS	EXPLOSIVE	12/9/2020	admin
☐	ADSRBNT:SZ 2-5MM,F...	7314387	CATALYST	LIQUID	DRUM	HDPE	EXPLOSIVE	4/16/2020	admin
☐	ADSRBNT:SZ 7 X 14 ME...	7312907	CATALYST	LIQUID	DRUM	HDPE	EXPLOSIVE	4/16/2020	admin

Create New User

- User can be added through Admin.

Create User

Username *	[ ]	**Email** *	[ ]
Password *	[ ]	**Confirm Password** *	[ ]

IsActive *   ○ Yes   ○ No   **IsAdmin** *   ○ Yes   ○ No

Allow Radio Login *   ○ Yes   ○ No

Roles*

- ☐ User Guide
- ☐ Product Operator
- ☐ Requester HDPE
- ☐ Good Received create Operator
- ☐ Movement Operator
- ☐ Requester Operator

- ☐ SES Operator
- ☐ Stock Manager for PC
- ☐ NDA Approver
- ☐ PC Approver
- ☐ HDPE Approver
- ☐ AMINES Approver

- ☐ EC/DMC Approver
- ☐ EO/EG Approver
- ☐ OLEFIN Approver
- ☐ PHENOLICS Approver
- ☐ PP Approver
- ☐ U&O Approver

- ☐ AMINES Requester
- ☐ EC/DMC Requester
- ☐ EO/EG Requester
- ☐ HDPE Requester
- ☐ NDA Requester
- ☐ OLEFIN Requester

Create New Role

- **Role Creation:** Define roles for specific menus.
- **Assign Roles:** Assign roles to users for access.
- **Setup:** Fill fields and select menus for the role.

Create New Role ×

Role Name *

Role Description *

Plant Name *

--- Select Plant ---

IsActive*
○ Yes
○ No

IsApprove*
○ Yes
○ No

- ☐ Catalog
- ☐ Email Setting
- ☐ Stock
- ☐ Stock For Bag
- ☐ Rack
- ☐ GoodsIn Containers

- ☐ User
- ☐ Reset Password
- ☐ Goods Received
- ☐ Stock For Drum
- ☐ Rack Cell
- ☐ Pallets Movement

- ☐ Role
- ☐ Email Configure
- ☐ Goods Issue
- ☐ Stock For Container
- ☐ GoodsIn Pallet
- ☐ Drums Movement

- ☐ Notification Setting
- ☐ Print Barcode
- ☐ Additives Request
- ☐ Request Notification
- ☐ GoodsIn Drum
- ☐ Bags Movement

- ☐ Warehouse
- ☐ Notification Alert
- ☐ Stock For Pallet
- ☐ User Guide
- ☐ GoodsIn Bags
- ☐ Containers Movement

Add New Warehouse

- **Add Warehouse:** Enter name and description.
- **Save:** Click Submit to save.

Create Warehouse

Warehouse name*

Warehouse description*

Submit

Notification Alert Section

- **Notification Alerts:** Tracks pallet expiry, low quantities, and blocked pallets with easy tracking options.

Pallet(s) expiry details	📋
Drum(s) expiry details	📋
Container(s) expiry details	📋
Bag(s) expiry details	📋
Quantity of Pallet(s) below safe level	📋
Pallet(s) blocked details	📋

Check Stock

- **Stock Details:** View stock data for all products.
- **Product Name:** Click to see product details.
- **Quantity:** Click to view pallet details.

Stock Details >>

Export | Refresh

| Previous | Page 1 of 1 | 20 rows ⌄ | Next |

Description	QUANTITY	UOM
NDA	0	PLT
AMINES 34	1	BAG
HDPE 786	7	CTN
HDPE 54	5	CTN
AMBERLITE IRA96RF	0	DRUM
Atmer 163	2	PLT
POLYOXYETHLENE SORBITAN OF FATTY ACIDS	115	PLT
IRGANOX 1076	16	PLT
IRGAFOS 168	18	PLT

Create PO

- **Create PO:** Go to location and fill required fields.

Create PO

PO Number*

Description* ----------Select--------

SAP No*

Date Of Receipt* Click to select a date

UOM*

Vendor Name*

Location

Quantity*

Plant* --- Select Plant ---

Remark

Create Pallets

- **PO List:** List Page shows options based on product packaging (e.g., Bag, DRM, CTN).
- From here we can **create** pallets and **view** pallets.

Goods Handling >> Goods Received >> Create PO

	Delete	Export										Refresh

Previous | Page 1 of 4 | 20 rows | Next

Select All ☐	PO Number	SAP No	Create Pallet	View Pallet	Description	UOM	Vendor Name	Order Quantity	Receive Quatity	Location	Remark	Plant
	4801838892	6003690	**Create PLT**	**View Pallet**	POLYOXYETHLE...	PLT	FACI ASIA PACIFI...	1000	60		PLT	PC
☐	4501178644	6000765	**Create DRUM**	**View Pallet**	TULSION RESIN ...	DRUM	RAWABI MARKE...	1000	0		Drum	EO/EG
	4300313100	1050453	**Create PLT**	**View Pallet**	CATALYST COPPER	PLT	BASF NEDERLAN...	1000	180		PLT	NDA
☐	4801172687	6004385	**Create DRUM**	**View Pallet**	CATALYST, Z-509	DRUM	BASELL POLYOLE...	1000	0		Drum	HDPE
☐	4801777385	7161137	**Create DRUM**	**View Pallet**	CTLYST:TYP ABS...	DRUM	SALEH AND ABD...	1000	17		Drum	HDPE

Assign Location to Pallet

- **Assign Location:** After creating pallets, assign their location via the Goods In menu.

Goods In >> Pallets

Refresh

| Previous | Page | 1 | of 44 | 20 rows ⌄ | Next |

Select All ⊟	SAP No	PO Number	Description	Pallet Code	Warehouse Name	Location	Pallet MFD	Pallet Expiry	Mode	Modified Date	Modified By
	6001840	4801167094	Atmer 163	48011670940001	Chemical Wareho...	CW1B1501	2020-11-25	2020-12-22	Awaiting	4/13/2021	sk
☑	6001840	4801167094	Atmer 163	48011670940003			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin
☑	6001840	4801167094	Atmer 163	48011670940004			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin
☐	6001840	4801167094	Atmer 163	48011670940005			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin
☐	6001840	4801167094	Atmer 163	48011670940006			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin
☐	6001840	4801167094	Atmer 163	48011670940007			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin
☐	6001840	4801167094	Atmer 163	48011670940008			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin
☐	6001840	4801167094	Atmer 163	48011670940009			2020-11-25	2020-12-22	Awaiting	11/25/2020	admin

Scanning Goods Received

- **Scan Barcode:** Auto-populates location and warehouse fields.
- **Submit:** Perform Goods Received process by confirming the location and material entry.

Enter Container Value

Location

Warehouse

Logout

Back

submit

Material Shipment

- **Mission No:** Goods out ID for Radio Operator to execute.
- **Status:** Changes from "In Progress" to "Shipped" after execution.

Goods Handling >> Goods Consumed

Export   Refresh

| Previous | | Page | 1 | of 1 | | 20 rows | | Next | |

SAP No	Goods Out Request Id	Mission Id	Request Quantity	Request Plant Name	Description	Issued Quantity	Balance Quantity	Date Of Delivery	Goods Out Status
2266331	185439	185440	2	NDA	NDA	2	0	2020-11-06	Shipped
4545451	185452	185453	1	AMINES	AMINES 34	1	0	2020-11-06	Shipped
2266331	185460	185464	1	NDA	NDA	1	0	2020-11-07	Shipped
5646372	185488	185489	3	HDPE	HDPE 786	3	0	2020-11-28	Shipped
2376435	185655	185656	2	HDPE	HDPE 54	2	0	2020-11-07	Shipped
2266331	185726	185727	1	AMINES	NDA	1	0	2021-03-24	Shipped
6003318	185839	185840	3	EO/EG	AMBERLITE IRA96RF	1	2	2021-04-30	InProgress
6003692	187031	187032	2	AMINES	IRGANOX 1076	2	0	2021-05-28	Shipped
6003690	187038	187039	1	AMINES	POLYOXYETHLENE SO...	1	0	2021-05-26	InProgress
6003690	187040	187041	2	PC	POLYOXYETHLENE SO...	2	0	2021-05-26	Shipped

Create New Rack for Warehouse

Add Rack: Easily create a new rack for the location.

Create Rack

Rack Id *

Rack Name*

Rack Description*

Status *
--- Select Status ---

Availability*
--- Select Availabili

Save

Create New Cell for the Rack

- **Add Cell:** Easily create a new cell for the rack.

Create Cell

Rack *   --- Select Rack ---   Rack Cell Id *

Cell Desc *   Cell Name *

Availability *   --- Select Availability Typ   Status *   --- Select Status ---

Save

Simpana

Thank you!
Do you have any questions?

Email
contact@simpanatech.com