

# Chemical Supplies Table - User Manual

## Introduction

Welcome to the Chemical Supplies Table web application. This tool is designed to help you manage and organize chemical supply data efficiently. The table offers several features, including sorting, adding, editing, deleting rows, and saving data. This manual will guide you through each functionality available in the table.

## Getting Started

### 1. Accessing the Table

When you first load the page, you will see a table that lists various chemical supplies. The table contains the following columns:

- **ID:** A unique identifier for each chemical.
- **Chemical Name:** The name of the chemical.
- **Vendor:** The supplier or manufacturer of the chemical.
- **Density:** The density of the chemical.
- **Viscosity:** The viscosity of the chemical.
- **Packaging:** The type of packaging (e.g., Bag, Drum).
- **Pack Size:** The size of the packaging.
- **Unit:** The unit of measurement (e.g., kg, L).
- **Quantity:** The quantity of the chemical in stock.


## Toolbar Functions

The toolbar at the top of the table provides quick access to the main functionalities. Here's a breakdown of each button and its purpose:


### 2. Add Row

- **Purpose:** Adds a new row to the table.
- **How to Use:** Click the "Add Row" button on the toolbar. A new row will appear at the bottom of the table with a new unique ID. All fields in the new row are editable, allowing you to input data for a new chemical supply.


### 3. Move Row Up

- **Purpose:** Moves the selected row up in the table.
- **How to Use:** Select a row by clicking on the  mark on the leftmost column. Then click the "Move Up" button. The selected row will move one position up in the table.

### 4. Move Row Down

- **Purpose:** Moves the selected row down in the table.
- **How to Use:** Select a row by clicking on the  mark. Then click the "Move Down" button. The selected row will move one position down in the table.

### 5. Delete Row

- **Purpose:** Deletes the selected row from the table.
- **How to Use:** Select the row you wish to delete by clicking on the  mark. Then click the "Delete Row" button. The row will be removed from the table and localStorage will be updated accordingly.

### 6. Refresh Data

- **Purpose:** Resets the table to its default data.
- **How to Use:** Click the "Refresh Data" button. The table will revert to its initial state, discarding any changes you've made. This will load the default data set again.

### 7. Save Data

- **Purpose:** Saves the current state of the table to localStorage.
- **How to Use:** Click the "Save Data" button. All changes you've made to the table (added rows, edits, etc.) will be saved, so they persist even after closing the browser.

## Table Functions


### 8. Sorting Columns

- **Purpose:** Sorts the data in the table by the selected column.
- **How to Use:** Click on any column header to sort the data by that column. Clicking again will toggle between ascending and descending order. An arrow icon will appear to indicate the sort direction.

### 9. Editing Rows

- **Purpose:** Allows you to edit the data directly within the table.
- **How to Use:** Click on any cell in the table (except the ID column) to edit its content. You can change the chemical name, vendor, density, viscosity, packaging, pack size, unit, and quantity.

## 10. Selecting Rows

- **Purpose:** Selects a row for operations such as moving or deleting.
- **How to Use:** Click on the  mark in the leftmost column of the row you want to select. The row will be highlighted in blue to indicate it has been selected.

# Data Persistence

## 11. Using LocalStorage

- **Purpose:** Automatically saves and loads your data from localStorage.
- **How It Works:**
  - When you make any changes (add, edit, delete rows) and click "Save Data," your data is stored in localStorage.
  - When you reload the page, the table will automatically load the data from localStorage, so your changes persist.
  - If you click "Refresh Data," the table will discard all changes and reload the default data.

# Troubleshooting

## 12. Common Issues

- **Data Not Saving:** Ensure you click the "Save Data" button after making changes.
- **Table Not Sorting:** Make sure to click directly on the column header to activate sorting.

# Conclusion

This Chemical Supplies Table is designed to provide a robust and user-friendly experience for managing chemical supply data. With features such as dynamic row manipulation, data persistence, and easy sorting, this tool helps streamline your workflow and ensures data integrity.

If you have any further questions or need assistance, please refer to this user manual or contact support.