





## Himadri Speciality Chemical Ltd

### Product End of Life Policy

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## Purpose

As an intermediary specialty chemical manufacturer, Himadri recognizes its critical role in enabling sustainable practices throughout the value chain. This policy addresses the environmental impact of our materials and products during their end-of-life phase by fostering sustainable partnerships, providing practical disposal solutions, and aligning with global sustainability practices.

## Scope

This policy applies to all raw material handlers, production units, logistics partners, distributors, and end-user stakeholders associated with Himadri's operations and products.

## Objectives

- **Support the Value Chain:** Enable customers and downstream partners to manage end-of-life disposal effectively by providing clear guidelines and materials that facilitate recycling or safe disposal.
- **Minimize Waste:** Reduce waste generated during production and downstream applications through material optimization and recovery programs.
- **Promote Circularity:** Encourage the reuse of by-products or residues generated from Himadri's products in other industrial processes.
- **Facilitate Compliance:** Ensure compliance with applicable environmental regulations in markets where Himadri operates.
- **Enable Practical Solutions:** Develop realistic and scalable recycling or disposal mechanisms that align with the operational constraints of end-users.

## Responsibilities

- **Top Management:**
  - Define and communicate sustainability goals.
  - Allocate resources for R&D in recycling technologies.
- **Department Heads:**
  - Ensure compliance with disposal and recycling standards specific to intermediate chemicals.
  - Collaborate with downstream users to share best practices for handling Himadri's products after use.



- **Sustainability (ESG) Team:**
  - Identify opportunities for circular economy initiatives using production by-products.
  - Monitor and report the environmental performance of end-of-life processes.
- **Sales and Customer Support Teams:**
  - Provide customers with material safety data sheets (MSDS) and end-of-life handling guidelines tailored to Himadri's products.
  - Address queries regarding responsible disposal.
- **External Stakeholders (Distributors/Users):**
  - Follow Himadri's guidance on safe disposal and recycling methods.
  - Collaborate on pilot projects for product lifecycle improvements.

## Actionable Commitments

- **Material Optimization:**
  - Use inputs that maximize resource efficiency during production, ensuring downstream compatibility with recycling or recovery processes.
  - Ensure product formulations are compatible with industrial recycling streams.
- **By-product Management:**
  - Partner with industries where by-products from Himadri's manufacturing processes can serve as raw materials.
- **Guidance for Downstream Partners:**
  - Provide detailed guidelines for safe disposal or reuse of products, including chemical recovery options where applicable.
  - Develop educational resources for safe handling practices, particularly for customers using chemicals in bulk.
- **Piloting Recycling Technologies:**
  - Invest in scalable recycling or recovery technologies suited to intermediary products, such as solvent recovery systems or depolymerisation techniques.
  - Test methods for reprocessing materials such as residual carbon black or tar by-products into usable forms.



- **Regulatory Compliance:**
  - Stay updated on global regulations related to hazardous waste and chemical disposal (e.g., REACH, EPA standards) and incorporate these into policy updates.
- **Industry Collaboration:**
  - Actively engage in industry forums to co-develop solutions for sustainable end-of-life management of specialty chemicals.
- **Reporting and Transparency:**
  - Publish periodic sustainability disclosures with data on product lifecycle impacts, recovery rates, and waste minimization efforts.

## **Governance**

This policy is governed by the Sustainability (ESG) Council and monitored by the Board-level Sustainability (ESG) Committee to ensure alignment with Himadri's corporate sustainability strategy.

## **Policy Review**

This policy will be reviewed every two years or upon significant changes in regulations, market practices, or technology.