

Rowan University Non-Hazardous Waste Disposal Guide for Laboratories

What is a Non-Hazardous Waste?	Used Oil	Completing a Non-Hazardous Waste Label
<p>Non-Hazardous Wastes are regulated by RCRA under Subtitle D. Non-Hazardous Waste is a broad class of waste which includes general trash as well as solid, liquid, and gaseous wastes generated by commercial, industrial, agricultural, or community activities. While not meeting the definition of a characteristic hazardous waste or being a listed hazardous waste, such waste must be disposed of in a manner which prevents pollution of the environment.</p> <p>Despite the name, Non-Hazardous Wastes can still present health and environmental hazards if not properly managed. Safety Data Sheets are a good resource for determining if a product or chemical should be disposed of via our chemical waste contractor. Look out for any of the following:</p> <ul style="list-style-type: none"> • Human health hazards are listed. • Identified as hazardous per OSHA. • Environmental or toxicological warnings. • Specific handling or disposal instructions. • Regulated as a hazardous material for transportation. <p>If a Non-Hazardous waste possesses one or more of these criteria, it should be disposed of through Rowan's chemical waste contractor.</p> <p>If you have any questions or concerns about how a particular Non-Hazardous Waste should be disposed of, contact Laboratory Safety at LabSafety@Rowan.edu or 856.256.5105.</p>	<p>Used oil includes both used and unused oil. It can be generated during lubrication oil changes, spill cleanups, or inventory cleanouts. Common examples of used oil include:</p> <ul style="list-style-type: none"> • Motor Oil • Cutting Oil • Hydraulic Oil • Compressor Oil <p>Used oil contaminated with solvents or listed hazardous wastes must be disposed of as Hazardous Waste.</p>	<p>The Rowan University Non-Hazardous Waste Label is available for download from the Laboratory Safety website on the Laboratory Waste page. All Non-Hazardous Waste being stored or offered for disposal must be identified using this label.</p> <p>Below is an example of a completed Non-Hazardous Waste label:</p> <div style="border: 2px solid green; padding: 10px; margin: 10px 0;"> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">NON-HAZARDOUS WASTE</p> <p>Contents: <u>N,N-Dimethylacetamide 80%, Water 20%</u></p> <hr/> <p>Accumulation Start Date: <u>03/05/2021</u></p> <p>Generator Name: <u>John Chemist</u></p> <p>Department Name: <u>Mechanical Engineering</u></p> <p style="text-align: center; font-size: 0.8em;">Rowan University 201 Mullica Hill Rd • Glassboro, NJ 08028 Environmental Health & Safety • 856.256.5105 • LabSafety@Rowan.edu</p> </div> <ul style="list-style-type: none"> • List the contents and provide approximate percentages of constituents if there is more than one chemical. • Provide an Accumulation Start Date once the waste is identified or first added to the container. • Provide your name as well as the name of the department generating the waste. • Submit a Waste Determination & Pickup Request Google Form to schedule a waste pick up.
	<h3>Empty Containers</h3> <p>Prior to being disposed of in the trash, all chemical containers must meet the definition of "RCRA Empty".</p> <ul style="list-style-type: none"> • Containers which held an Acutely Hazardous Chemical (P-Listed) must be triple rinsed with a suitable solvent. All 3 rinses must be collected and disposed of as Acute Hazardous Waste. • Please see the "Managing Empty Containers for Disposal" document for full information. 	
	<h3>Non-Hazardous Waste Exceptions</h3> <p>The Mixture Rule: If any quantity of a Listed (P, U, or F) Hazardous Waste is mixed with a Non-Hazardous Waste, the entire mixture becomes hazardous.</p> <ul style="list-style-type: none"> • Example: If 1ml of waste Allyl Alcohol (P005) is added to an Olympic-sized pool of water, you have 2.5 million liters of P005 Hazardous Waste. <p>If a D-Listed waste is present in a Non-Hazardous Waste equal to or above the regulatory level, that waste must be managed as Hazardous Waste.</p>	