Justrite
Safety Group

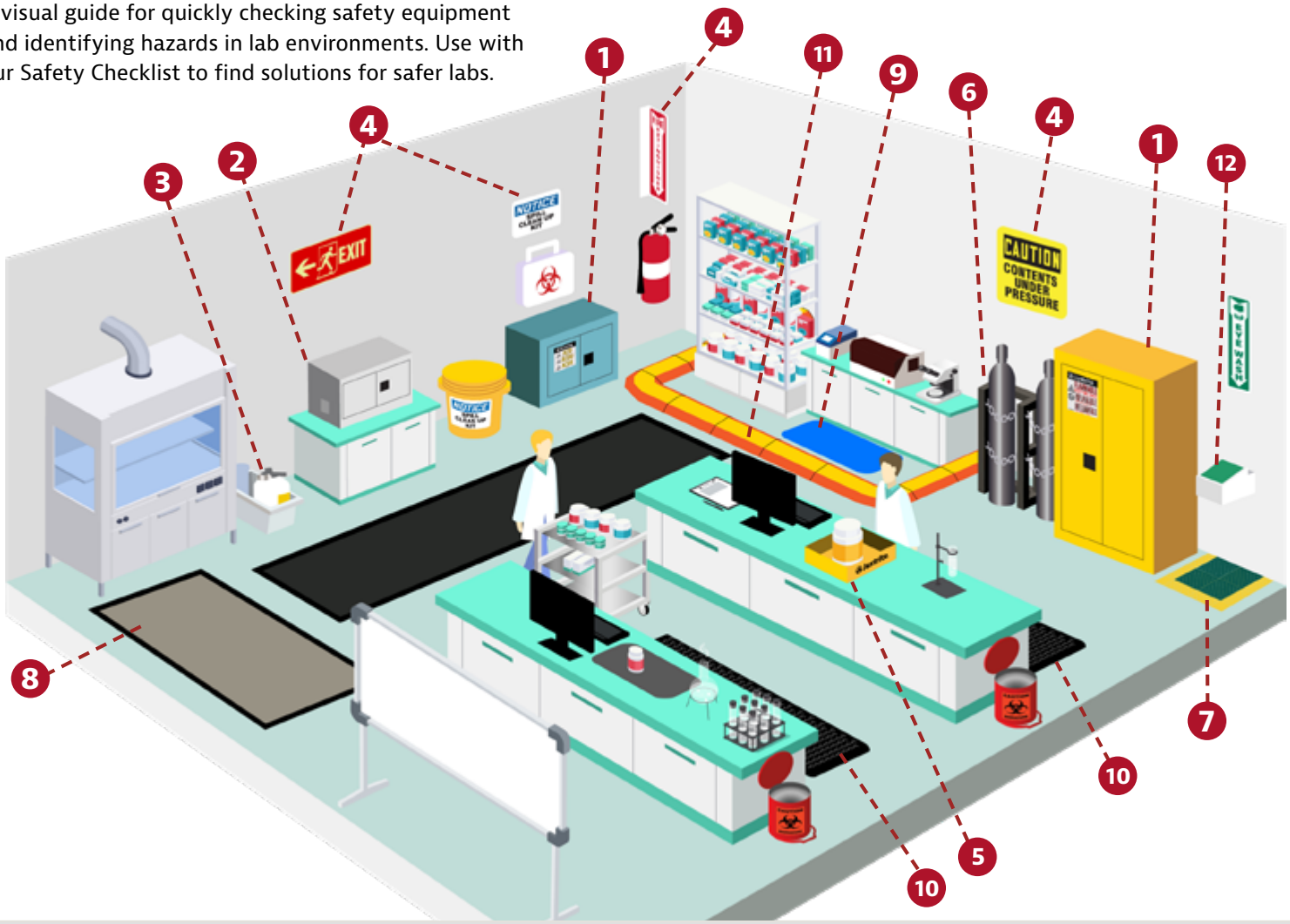
# Laboratory Safety Solutions

## Identifying risk. Prioritizing action. Supporting safer labs.

Solutions informed by real lab observations.

# Lab Safety Map

A visual guide for quickly checking safety equipment and identifying hazards in lab environments. Use with our Safety Checklist to find solutions for safer labs.




**1 Flammable Safety Cabinets**
Securely store solvents and flammables while meeting OSHA, NFPA, and IFC standards to reduce fire risk.

**2 Lithium-Ion Battery Charging Cabinet**
Safely charge and store lithium-ion batteries, containing fires, smoke, and explosions while protecting people, property, and surrounding equipment.

**3 HPLC Safety Disposal Cans**
HPLC safety cans with quick-disconnects and carbon filters provide compliant solvent-waste collection across pharmaceutical areas.

**4 Safety Signs**
Safety signs identify and indicate the potential type and degree of hazards that may lead to accidental injury or property damage. They comply with OSHA 29 CFR 1910.145 and ANSI Z535 standards.

**5 Folding Utility Trays**
Provide fast, reliable spill containment without taking up space. They unfold in seconds to catch drips, leaks, and minor spills during fluid handling.

**6 Gas-Cylinder Storage Rack**
Cylinders are heavy and pressurized; racks keep them securely upright, preventing tip-overs and supporting OSHA and safety-storage compliance.

**7 Eyewash Station Drainage Mat**
The Eyewash Station Mat features high visibility and an anti-slip waffle grid that keeps users elevated above spills and ensures fast drainage.

**8 Entry Outdoor Mats**
Durable entry mats trap dirt, debris, and moisture to keep building interiors clean and safe.

**9 Antimicrobial Mats**
Help stop microbial growth on floors, reducing contamination, odors, and tracked-in germs.

**10 Anti-Fatigue Mats**
Ergonomic mats ideal for pharmaceutical environments that improve circulation, reduce fatigue, add cushioning, and help prevent slips and falls.

**11 Cable Protectors**
Prevent tripping hazards, electrical accidents, and contamination while maintaining organized, compliant workspaces.

**12 Emergency Safety Shower/Eyewash Station**
Flush hazardous chemicals from skin and eyes quickly, minimizing injury, meeting safety standards, and supporting a compliant pharmaceutical workplace.

# Why Labs Choose Justrite Safety Group

## One Partner. Every Hazard.

Lab environments demand safety solutions that match the precision of the work being done. Managing those solutions across multiple vendors makes consistency harder to maintain. Justrite Safety Group is your complete safety partner across the entire lab.

- 150,000+ safety solutions
- 20+ product categories
- 11 leading safety brands

Our products are built for real-world lab conditions and aligned with compliance standards like OSHA, NFPA, ANSI, and EPA.

## Informed by Real Lab Experience

Because our solutions are used daily within active labs, we understand how hazards appear, evolve, and compound over time. Our history of conducting safety and compliance assessments in labs, informs how we evaluate conditions and prioritize risk across every activity and area.

## Activities We Evaluate

- Analytical Lab
- Chemical Storage
- Material Safety
- Emergency Response
- Spill Management
- Spill Containment
- Facility Safety

## How We Define Risk

**Critical** – Immediate safety, environmental, or regulatory exposure

**Important** – Elevated likelihood of incidents or compliance findings

**Best Practice** – Preventive controls supporting daily safety and culture

## What We Commonly See

| Activity | | | |
|---|---|---|---|
| Analytical Lab | 0 | 0 | 3 |
| Chemical Storage | 0 | 0 | 1 |
| Material Safety | 1 | 3 | 5 |
| Emergency Response | 1 | 1 | 1 |
| Spill Management | 1 | 1 | 0 |
| Spill Containment | 0 | 1 | 1 |
| Facility Safety | 2 | 2 | 2 |

## The Cost of Non-Compliance in Laboratories.

**In laboratories, missed hazards create more than risk.**

**They create cost.**

**Non-compliance can result in:**

- **Regulatory citations and corrective actions**
- **Research disruption and operational delays**
- **Exposure-related injuries and incident investigations**
- **Reputation risk tied to safety performance and audit readiness**

# What We Commonly See in Laboratories

## Analytical Lab

| Observation | Risk Level | Product Reference | |
|---|---|---|---|
| Hazardous waste from HPLC collected in an open bucket with amber bottles; risk of vapor/spill. | Critical | Quick-Disconnect HPLC Waste Can, Spill Basin, Vapor Filter | ☐ |
| Corrosive and flammable chemicals stored together, increasing fire/explosion risk. | Critical | Blue Corrosive Cabinet, Yellow Flammable Cabinet | ☐ |
| Strong chemical odor from existing safety cabinet; possible VOC vapor exposure. | Critical | VaporTrap™ Cabinet Filter | ☐ |

## Chemical Storage

| Observation | Risk Level | Product Reference | |
|---|---|---|---|
| No nearby emergency eyewash/safety shower for chemical exposure emergencies. | Critical | Emergency EyeWash, Safety Shower | ☐ |

## Material Safety

| Observation | Risk Level | Product Reference | |
|---|---|---|---|
| Improper storage of flammable chemicals increases fire risk. | Critical | Flammable Safety Cabinets (various sizes/manual or self-close doors) | ☐ |
| Corrosive chemicals leak/spill in standard cabinets. | Critical | Corrosive Safety Cabinets | ☐ |
| Gas cylinders unsecured, risk of falling or rupture. | Critical | Gas Cylinder Storage Lockers | ☐ |
| Handling solvents; risk of explosion from mishandling. | Important | Safety Cans Galvanized, Poly, Stainless | ☐ |
| Lithium-ion batteries stored in ordinary cabinets, fire hazard. | Important | Lithium-Ion Fire Cabinet | ☐ |
| Chemical waste mixed (flammable/corrosive/incompatible). | Critical | Liquid Disposal Safety Cans | ☐ |
| Oily rags stored in the open; risk of spontaneous combustion. | Important | Oily Waste Can | ☐ |
| Biohazardous waste mixed with other trash; risk of cross-contamination. | Critical | Biohazard Waste Can | ☐ |
| Poor chemical dispensing controls; risk of static/splashes | Best Practice | Drum Funnels, Accessories | ☐ |

## Emergency Response

| Observation | Risk Level | Product Reference | |
|---|---|---|---|
| No plumbed/portable safety showers or eyewash near chemical exposure. | Critical | Plumbed-In Showers, Eye/Face Washes | ☐ |
| No tepid water/response in remote areas for chemical exposure. | Important | Heated Tank Showers, Self-Contained Eye/Face Washes | ☐ |
| No emergency response for temporary/field tasks. | Best Practice | Portable Safety Shower Units | ☐ |

# What We Commonly See in Laboratories

## Spill Management

| Observation | Risk Level | Product Reference | |
|---|---|---|---|
| Leaks entering drainage; risk of environmental contamination. | Best Practice | Water-Filled Drain Covers | ☐ |
| Uncontrolled migration of hazardous liquid after spill event. | Important | Boom Diverters, Absorbent Socks | ☐ |
| Bulk liquid chemical storage (drums) with no spill containment. | Critical | Plastic/Steel Spill Pallets | ☐ |
| Large-scale spills/mobile fluid management. | Important | Flexible Spill Containment Berms | ☐ |

## Facility Safety

| Observation | Risk Level | Product Reference | |
|---|---|---|---|
| Slips, trips, falls from wet floors. | Important | Anti-Fatigue/Hygienic Matting | ☐ |
| Prolonged standing leads to fatigue, strain injuries. | Best Practice | Modular/Linear Anti-Fatigue Matting | ☐ |
| Pathogen transfer by contaminated shoe soles. | Best Practice | Sanitizing Matting | ☐ |
| Chemical vapor inhalation from improperly closed waste cans. | Important | VaporTrap™ Lab Disposal Cans, Safety Can Accessories | ☐ |
| Inadequate labeling of hazardous waste and chemicals. | Critical | Chemical Storage Signs/Labels | ☐ |
| Unsecured compressed gas during transport or storage. | Critical | Gas Cylinder Storage Cages | ☐ |

## Laboratories demand flexible, durable safety solutions.

Our family of brands helps manage fire risk, hazardous materials, infectious waste, worker safety, and more through a complete safety system designed for real-world clinical and research environments.

## Critical Risk Solutions

| Product Reference | SKU Numbers | |
|---|---|---|
| Quick-Disconnect HPLC Waste Can, Spill Basin, Vapor Filter | PP12752, PP12755, 84003, 28161 | ☐ |
| VaporTrap™ Cabinet Filter | 29916 | ☐ |
| Emergency EyeWash, Safety Shower | 18GS45G, 18GS75G, 10GFEW | ☐ |
| Flammable Safety Cabinets (various sizes/manual or self-close doors) | 894520, 893020, 896020 | ☐ |
| Corrosive Safety Cabinets | 894502, 890402, SC29884B | ☐ |
| Gas Cylinder Storage Lockers | 23004, 23005 | ☐ |
| Liquid Disposal Safety Cans | 12835, 7150140 | ☐ |
| Biohazard Waste Can | 05910R | ☐ |
| Plumbed-In Showers, Eye/Face Washes | 18GS, 18GS75G, 10GFEW | ☐ |
| Plastic/Steel Spill Pallets | 28624, 28625, 28634, 28636 | ☐ |
| Chemical Storage Signs/Labels | LZH103VSP, LZH303VSP, LZN110, TCH206 | ☐ |
| Gas Cylinder Storage Cages | 23004, 23005, 23006 | ☐ |

## Important Risk Solutions

| Product Reference | SKU Numbers | |
|---|---|---|
| Safety Cans Galvanized, Poly, Stainless | 7110100, 7150100 | ☐ |
| Lithium-Ion Fire Cabinet | 231703 | ☐ |
| Oily Waste Can | 09100, 09300, 09500, 09700 | ☐ |
| Heated Tank Showers, Self-Contained Eye/Face Washes | 40K45G | ☐ |
| Boom Diverters, Absorbent Socks | 28452, 28450 | ☐ |
| Flexible Spill Containment Berms | 28512, 28519 | ☐ |
| Anti-Fatigue/Hygienic Matting | 550S0033BL, 562S0035BL, 620S3060BY | ☐ |
| VaporTrap™ Lab Disposal Cans, Safety Can Accessories | 12836, 29916 | ☐ |

## Best Practice Solutions

| Product Reference | SKU Numbers | |
|---|---|---|
| Drum Funnels, Accessories | 11202, 08207, 08206 | ☐ |
| Portable Safety Shower Units | SD32K45G, 40K45G | ☐ |
| Water-Filled Drain Covers | T8721, T8722, T8723, T8724 | ☐ |
| Modular/Linear Anti-Fatigue Matting | 479S0035YB, 562S0035BL, 549S3840YB | ☐ |
| Sanitizing Matting | 346S2432BL, 351S3239YB | ☐ |

### Assessment Overview

A structured assessment helps identify observed risks, prioritize corrective action, and support alignment to applicable safety expectations and site requirements.

### STUD-E® On-Site Safety & Compliance Assessment

- Identifies site-specific risks aligned to OSHA, NFPA, EPA, and ANSI
- Ranks findings by Critical, Important, and Best Practice
- Provides actionable recommendations mapped to proven solutions

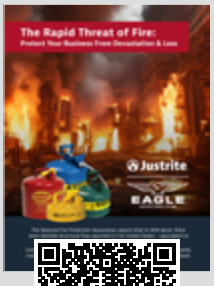
**Schedule your complimentary STUD-E assessment. Contact your Account Manager.**

STUD-E™

# Explore the Solutions Behind the Recommendations

Scan any resource below to learn more about how specific solutions are applied in real lab conditions, including key features, typical use cases, and relevant safety or regulatory considerations.


Safety Cabinets




Safety Cans


Structured Spill Containment


Safety Showers


Lithium-Ion Charging Cabinet


Gas Cylinder Storage


Code-compliant Cans & Carboys


Matting

The user is solely responsible for ensuring compliance with all applicable local, state, and federal rules, regulations, and laws, including, but not limited to the Federal Mine Safety and Health Act and the Occupational Safety and Health Act. The information provided herein does not constitute legal advice and should not be relied upon as a substitute for independent verification of compliance obligations.