



U. S. Chemical Safety and Hazard Investigation Board

RECOMMENDATION STATUS CHANGE SUMMARY

Report:	Bio-Lab Inc. Conyers Fire and Chemical Release
Recommendation Number:	2024-04-I-GA-R7
Date Issued:	July 21, 2026
Recipient:	National Fire Protection Association (NFPA)
New Status:	Open – Awaiting Response or Evaluation/Approval of Response
Date of Status Change:	Not Applicable – Initial Status

Recommendation Text:

Revise NFPA 400 Hazardous Materials Code, Section G.4 Safety Information on Oxidizers Used in Swimming Pools, to include information regarding the potential for oxidizers to corrode metals such as sprinkler components and reference NFPA 13 Standard for the Installation of Sprinklers.

Board Status Change Decision:

A. Rationale for Recommendation

On September 29, 2024, an uncontrolled chemical reaction involving pool chemicals occurred at the Bio-Lab, Inc. facility in Conyers, GA, due to water coming into contact with the stored chemicals. The reaction resulted in a fire and massive plume of toxic smoke. As a result, there were multiple shelter-in-place orders, evacuations, and road closures. Ultimately, the facility was destroyed and has ceased operations.

The U.S. Chemical Safety and Hazard Investigation Board (CSB) investigated the incident and found several safety issues including deficiencies in sprinkler maintenance, classifying the hazards of materials, and risk management and oversight. A lack of regulatory coverage of reactive hazards under the OSHA's PSM standard and EPA's RMP rule was also identified as having contributed to this incident.

As a result of these findings, the CSB issued three recommendations to the National Fire Protection Association (NFPA). This status change summary addresses CSB Recommendation No. 2024-04-I-GA-R7.