



U. S. Chemical Safety and Hazard Investigation Board

RECOMMENDATION STATUS CHANGE SUMMARY

Report:	Givaudan Sense Colour Explosion
Recommendation Number:	2024-06-I-KY-R7
Date Issued:	May 27, 2026
Recipient:	Givaudan Facilities that Manufacture Caramel Coloring Products
New Status:	Open – Awaiting Response or Evaluation/Approval of Response
Date of Status Change:	Not Applicable – Initial Status

Recommendation Text:

Contract a third party to conduct a facility siting study before constructing caramel coloring facility(ies) to help protect facility occupants and critical equipment from hazards created by explosion, fire, or toxic material release, using published industry guidance, such as that in the Center for Chemical Process Safety book, Guidelines for Siting and Layout of Facilities.

Board Status Change Decision:

A. Rationale for Recommendation

On November 12, 2024, a pressure vessel exploded at the Givaudan caramel coloring manufacturing facility in Louisville, KY. The explosion fatally injured two workers, seriously injured three others, and scattered debris offsite. The facility has ceased operations.

The U.S. Chemical Safety and Hazard Investigation Board (CSB) investigated the incident and found several safety issues including deficiencies in managing reactive hazards, sizing pressure relief systems, and others indicative of a faulty safety management system.

As a result of these findings, the CSB issued seven recommendations to Givaudan Facilities that Manufacture Caramel Coloring Products. This status change summary addresses CSB Recommendation No. 2024-06-I-KY-R7.