



U. S. Chemical Safety and Hazard Investigation Board RECOMMENDATION STATUS CHANGE SUMMARY

Report:	Givaudan Sense Colour Explosion
Recommendation Number:	2024-06-I-KY-R10
Date Issued:	May 27, 2026
Recipient:	International Technical Caramel Association
New Status:	Open – Awaiting Response or Evaluation/Approval of Response
Date of Status Change:	Not Applicable – Initial Status

Recommendation Text:

Alert association members that manufacture caramel coloring of the November 12, 2024, Givaudan incident and its causes, including but not limited to the sugar ingredient decomposition reaction that led to Reactor 6's rupture.

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 two recommendations to the International Technical Caramel Association. This status change summary addresses CSB Recommendation No. 2024-06-I-KY-R10.