



U. S. Chemical Safety and Hazard Investigation Board

RECOMMENDATION STATUS CHANGE SUMMARY

Report:	Givaudan Sense Colour Explosion
Recommendation Numbers:	2024-06-I-KY-R12
Date Issued:	May 27, 2026
Recipient:	Corn Refiners Association
New Statuses:	Closed – Acceptable Action
Date of Status Changes:	August 6, 2026

Recommendation Text:

Alert association members who manufacture corn syrup 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. Request that they update their corn syrup safety data sheets to include: the decomposition temperature, the consequences of exceeding that temperature, and the decomposition products produced (for example, carbon dioxide).

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 one recommendation to the Corn Refiners Association. This status change summary addresses CSB Recommendation No. 2024-06-I-KY R12.

B. Response to the Recommendation

The Corn Refiners Association has notified its membership of the incident, including its causes, and has requested that they update their corn syrup safety data sheets to include the information listed in the recommendation. Upon review of the relevant documentation provided, the CSB determined that the Corn Refiners Association has satisfactorily implemented this recommendation.

C. Board Analysis and Decision

Based upon the information above, the Board voted to change CSB Recommendation No. 2024-06-I-KY-R12 to: "Closed – Acceptable Action."