

AZO

Meaning: AZO refers to a class of synthetic dyes characterized by the presence of an azo group ($-N=N-$) in their chemical structure, commonly used in textiles for vibrant coloration.

1. AZO dyes are commonly used in textiles to achieve vibrant colors.
2. The chemical structure of AZO compounds features a nitrogen-nitrogen double bond.
3. Many food products contain AZO dyes, raising concerns about their safety.
4. AZO compounds have been studied for their potential carcinogenic effects.
5. The vibrant red of the dress was achieved using an AZO dye.
6. Environmental regulations have increased scrutiny on the use of AZO dyes in manufacturing.
7. Researchers are exploring alternatives to AZO dyes to reduce health risks.
8. The textile industry is shifting towards more sustainable options instead of AZO dyes.
9. Azo compounds are often used in analytical chemistry for colorimetric assays.
10. Legislation in some countries has banned certain AZO dyes due to health concerns.

Source: sentences.whatistheurl.com
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