FLINN SCIENTIFIC

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FD&C Yellow 5 Food Dye Safety Data Sheet (SDS)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

FD&C Yellow 5 Food Dye

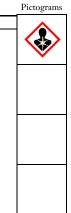
Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261 Chemtrec Emergency Phone Number: (800) 424-10481

SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Sensitization, skin (Category 1). May cause an allergic skin reaction (H317). Avoid breathing dust or fumes (P261).

Hazard class: Sensitization, respiratory (Category 1). May cause allergy or asthma symptoms or breathing difficulties if inhaled (H334).

Product should be treated as a chemical and is not for consumption as it has been stored with other nonfood-grade chemicals.



Signal Word

DANGER

SECTION 3 – COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
FD&C yellow 5 food dye	1934-21-0	$C_{16}H_9N_4Na_3O_9S_2$	534.37	
Synonyms: Acid yellow 23; Atul tartrazine; Tartran yellow; Tartrazine; C.I. 19140				

SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician (P311).

If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

If on skin: Rinse cautiously with water for several minutes (P302+P351). Wash contaminated clothing before reuse (P363).

If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.yellow

When heated to decomposition, may emit toxic fumes. None easily In case of fire: Use at ri-class dry chemical fire extinguisher. SECTION 6 - ACCIDENTAL RELEASE MEASURES Ventilate area. Place spilled solid in sealed bag or appropriate waste disposal container. See Sections 8 and 13 for further information. SECTION 7 - HANDLING AND STORAGE Film Suggested Chemical Storage Pattern: Organic MiseBlaneous or Organic #9. Store with dyes, indicators and stains. SECTION 5 - EXPOSURE CONTROLS, PERSONAL PROTECTION Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling. Contaminated clothing should not be allowed out of the workplace (P272). In case inadequate ventilation, wear respiratory protection (P280). Wash hands thoroughly after handling. Contaminated clothing should not be allowed out of the workplace (P272). In case inadequate ventilation, wear respiratory protection (P280). Wash hands thoroughly after handling. Contaminated clothing should not be allowed out of the workplace (P272). In case inadequate ventilation, wear respiratory protection (P280). Wash hands thoroughly after handling. Contaminated clothing should not be allowed out of the workplace (P272). In case inadequate ventilation, wear respiratory protection (P280). SectION 9 - PHYSICAL AND CHEMICAL PROPERTIES Motor fast. Yellow solid. Odorless. Absorbance maximum: 427 nm Soluble: Water Not for human consumption. SectION 10 - STABILITY AND REACTIVITY Shelf life: Indefinite, if stored properly. SectION 11 - DIXICOLOGICAL INFORMATION <th>SECTION 5 – FIRE FIGHTING MEASURES</th> <th></th>	SECTION 5 – FIRE FIGHTING MEASURES	
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Flinn Suggested Disposal Method #26a is one option.	Flinn Suggested Disposal Method #26a is one option.	

SECTION 14 - TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

SECTION 15 — REGULATORY INFORMATION TSCA-listed: FD&C Yellow 5.

SECTION 16 — OTHER INFORMATION

This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

N.A. = Not available, not all health aspects of this substance have been fully investigated. N/A = Not applicable

Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

Revision Date: April 21, 2016