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March 8, 1995

Document Processing Center  
Office of Pollution Prevention and Toxics  
U. S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460  
ATTN: 8(e) Coordinator

**Contains No CBI**

Dear Sir or Madam:

Enclosed please find a copy of an updated Material Safety Data Sheet which is being submitted as a follow-up to our previous letter of December 1, 1994 on 3,5-bis(1,1-dimethyl)-4-hydroxybenzoic acid (CAS# 1421-49-4). The document control number for this submission is 8EHQ-94-13268.

Please contact me if additional information is required.

Sincerely,

*R. Hays Bell*

R. Hays Bell  
(716) 722-5036

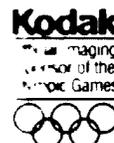
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3/20/95

R. Hays Bell, Ph.D., Vice-President and Director, Corporate Health, Safety, and Environment  
Eastman Kodak Company, Rochester, NY 14652-6256



MATERIAL SAFETY DATA SHEET

000002218/F/USA

Approval Date: 03/06/1995

Print Date: 03/06/1995

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FOR USE ONLY WITHIN EASTMAN KODAK COMPANY AND ITS SUBSIDIARIES.

PRIOR APPROVAL IS REQUIRED FOR DISTRIBUTION OF THIS MSDS TO ANYONE OTHER THAN A KODAK EMPLOYEE. PHONE: THE CHEMICAL AND REGULATORY INFORMATION SECTION (58-83743).

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 3,5-Bis(1,1-dimethylethyl)-4-hydroxybenzoic acid

Product Identification Number(s): 109629

Manufacturer/Supplier: EASTMAN KODAK COMPANY, Rochester, New York 14650

For Emergency Health, Safety & Environmental Information, call: 716-722-5151

Synonym(s): KAN 109629

Molecular Formula: C15 H22 O3

Molecular Weight: 250.35

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight % - Component - (CAS Registry No.)

100 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzoic acid (001421-49-4)

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3. HAZARDS IDENTIFICATION

WARNING!

HARMFUL IF INHALED, ABSORBED THROUGH SKIN, OR SWALLOWED  
POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES  
CAN CAUSE CNS EFFECTS

Eastman Kodak Hazard Ratings: R-2, S-2, F-1, C-0

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4. FIRST-AID MEASURES

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms

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If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

Eye Protection: Wear safety glasses with side shields (or goggles).

Skin Protection: Wear impervious gloves and protective clothing appropriate for the risk of exposure.

Recommended Decontamination Facilities: Eye bath, washing facilities, safety shower

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid

Color: Off-white

Odor: Not available

Specific Gravity (water = 1): Not available

Vapor Pressure: Not available

Vapor Density (Air = 1): Not available

Volatile Fraction by Weight: Not available

Melting Point: 206°C (403°F)

Solubility in Water: Not available

pH: Not applicable

Flash Point: Not applicable, combustible solid

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10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Strong oxidizing agents, bases, copper, acid chlorides

Hazardous Decomposition Products:

Hazardous Polymerization: Will not occur.

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11. TOXICOLOGICAL INFORMATION

Effects of Exposure:

General: Can cause CNS effects.

Inhalation: Harmful if inhaled.

Eyes: Not fully evaluated. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Skin: Harmful if absorbed through skin.

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Minimize dust generation and accumulation.  
Avoid breathing dust.  
Avoid contact with eyes, skin, and clothing.  
Use with adequate ventilation.  
Wash thoroughly after handling.

FIRST AID: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. If inhaled, move to fresh air. Treat symptomatically. In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms occur. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes.

Keep out of reach of children.

For additional information, see Material Safety Data Sheet (MSDS) for this material.

Additional hazard precautions for containers greater than 1 gallon of liquid or 5 pounds of solid:

IN CASE OF FIRE: Use water spray, carbon dioxide (CO<sub>2</sub>), dry chemical.

IN CASE OF SPILL: Sweep or scoop up and remove.

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The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.