

Material Safety Data Sheet

Kodak Polychrome
G R A P H I C S

804 Baking Gum USA

1. Chemical Product and Company Identification

Common Name : 804 Baking Gum USA

Synonym : Not available.

Catalog number : 014 8304; 047 0039

Area of Application : Industrial applications. Graphic Arts Imaging.

Supplier : Kodak Polychrome Graphics
401 Merrit 7
Norwalk, CT 06851
USA
Tel. (203) 845-7000

Emergency telephone number : In Case of Emergency (medical/roadside) (24hrs)

MSDS#	314
Version	2.52
Validation Date	2000-07-13
Responsible Name	Kodak Polychrome Graphics

CALL 1-800-451-8346

For other EHS Information : Kodak Polychrome Graphics, Environmental Solutions Department;
11465 Johns Creek Parkway, #260, Duluth, GA 30097; USA
Phone: 1-877-574-7274 ext. 511, Additional phone: (770) 232-2133
E-mail: PEP@kpgraphics.com, Fax: (770) 232-2150;

2. Composition, Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits
1) Water	7732-18-5	>85	Not available.
2) disodium (mono/di)hexadecyldifenoloxide disulfonate	65143-89-7	5-10	Not available.
3) Potassium dihydrogenorthophosphate	7778-77-0	1-5	Not available.

3. Hazards Identification

Physical State and Appearance : Liquid.

Emergency Overview : CAUTION!
MAY CAUSE EYE AND SKIN IRRITATION.
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Routes of Entry : Absorbed through skin. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes : Hazardous in case of eye contact (irritant).

Skin : Sensitization of the product: Not available.
Hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Inhalation : Slightly hazardous in case of inhalation.

Ingestion : Slightly hazardous in case of ingestion.

Potential Chronic Health Effects : **CARCINOGENIC EFFECTS**: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical Conditions Aggravated by Overexposure: : Repeated or prolonged exposure is not known to aggravate medical condition.

See Toxicological Information (section 11)

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4. First Aid Measures

Eye Contact	: Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention.
Skin Contact	: After contact with skin, wash immediately with plenty of water. If irritation persists, seek medical attention.
Inhalation	: Allow the victim to rest in a well-ventilated area. If irritation persists, seek medical attention.
Ingestion	: Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Seek medical attention.

5. Fire Fighting Measures

Flammability of the Product	: Non-flammable.
Auto-Ignition Temperature	: Not applicable.
Hazardous thermal (de)composition products	: carbon oxides (CO, CO ₂) sulfur oxides (SO ₂ , SO ₃ ...)
Fire Hazards in Presence of Various Substances	: Not applicable.
Explosion Hazards in Presence of Various Substances	: -
Fire Fighting Media and Instructions	: Use DRY chemicals, CO ₂ , water spray or foam.
Protective Clothing (Fire)	: Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	: May emit toxic fumes under fire conditions.
Special Remarks on Explosion Hazards	: None.

6. Accidental Release Measures

Small Spill and Leak	: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill and Leak	: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

7. Handling and Storage

Handling	: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
Storage	: Store at room temperature 25°C (77°F) or lower. Prevent from freezing

8. Exposure Controls, Personal Protection

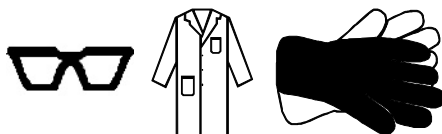
Engineering Controls	: Use good general ventilation(>10 air changes/hour) and engineering controls (local exhaust, filter's, process enclosures if necessary) to maintain airborne levels below ACGIH Threshold Limit Values (TLV) and OSHA Permissible Exposure Limits(PEL). Ensure that eyewash station and safety shower is proximal to the work-station location.
Personal Protection	
Eyes	: Safety glasses.
Body	: Lab coat.

Respiratory : Not applicable.

Hands : Gloves (impervious).

Feet : Not applicable.

**Protective Clothing
(Pictograms)** :



Personal Protection in Case of a Large Spill : Safety glasses. Lab coat. Gloves (impervious). Ventilation is normally required when handling or using this product (typically 10 air changes per hour).

Product Name

- 1) Water
- 2) disodium (mono/di)hexadecyldifenoloxide disulfonate
- 3) Potassium dihydrogenorthophosphate

Exposure Limits

- Not available.
Not available.
Not available.

Consult local authorities for acceptable exposure limits.

9. Physical and Chemical Properties

Physical State and Appearance : Liquid.

Odor : Slight.

Molecular Weight : Not applicable.

Color : Light brown.

Molecular Formula : Not applicable.

pH : 5.8 [Acidic.]

Boiling/Condensation Point : >100°C (212°F)

Melting/Freezing Point : <0°C (32°F)

Density : 1.067 g/ml (8.9 lbs/Gal.)

Vapor Pressure : -

Vapor Density : -

VOC by EPA Method 24 :

VOC Calculated : 0 g/l (0 lbs/Gal.).

Ionicity (in Water) : Not available.

Dispersion Properties : See solubility in water.

Solubility : Easily soluble in cold water

10. Stability and Reactivity

Stability and Reactivity : The product is stable.

Conditions of Instability : Not available.

Incompatibility with Various Substances : -

Hazardous Decomposition Products : carbon oxides (CO, CO₂) sulfur oxides (SO₂, SO₃...)

Hazardous Polymerization : Yes.

11. Toxicological Information

Toxicity to Animals	: Water:
	ORAL (LD50): Acute: >90000 mg/kg [Rat].
	disodium (mono/di)hexadecyldifenoloxide disulfonate:
	ORAL (LD50): Acute: >5000 mg/kg [Rat].
	DERMAL (LD50): Acute: >2000 mg/kg [Rat, Rabbit].
	Potassium dihydrogenorthophosphate:
	ORAL (LD50): Acute: >2000 mg/kg [Rat].
	DERMAL (LD50): Acute: >2000 mg/kg [Rat, Rabbit].
Chronic Effects on Humans	: Not available.
Other Toxic Effects on Humans	: Hazardous in case of skin contact (irritant). Slightly hazardous in case of ingestion, of inhalation.

12. Ecological Information

Biodegradable/OECD	: -
BOD5 and COD	: Not available.
Ecotoxicity	: Ecotoxicity in water (LC50): 0.42 mg/l 96 hours [Fish (Trout)]. (disodium (mono/di)hexadecyldifenoloxide disulfonate). 750 mg/l 96 hours [Fish]. (Potassium dihydrogenorthophosphate).

13. Disposal Considerations

Waste Information	: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Consult your local or regional authorities.	

14. Transport Information

DOT Classification	: Not a DOT controlled material (United States).
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Not applicable.

Not applicable.

Not applicable.

Marine Pollutant	: Not available.
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Special Provisions for Transport	: Not applicable.
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TDG Classification	: Not controlled under TDG (Canada).
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ADR/RID Classification	: Not controlled under ADR (Europe).
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IMO/IMDG Classification	: Not controlled under IMDG.
	Not applicable.

Not applicable.

Not applicable.

ICAO/IATA Classification	: Not controlled under IATA.
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Not applicable.

Not applicable.

Not applicable.

15. Regulatory Information

HCS Classification : Not controlled under the HCS (United States).

U.S. Federal Regulations : TSCA 8(b) inventory: Water; disodium (mono/di)hexadecyldifenoloxide disulfonate; Potassium dihydrogenorthophosphate
 SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
 SARA 302/304/311/312 hazardous chemicals: No products were found.
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: disodium (mono/di)hexadecyldifenoloxide disulfonate: immediate health hazard
 SARA 313 toxic chemical notification and release reporting: No products were found.
 Clean Water Act (CWA) 307: No products were found.
 Clean Water Act (CWA) 311: No products were found.
 Clean air act (CAA) 112 accidental release prevention: No products were found.
 Clean air act (CAA) 112 regulated flammable substances: No products were found.
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

International Regulations

WHMIS (Canada) : CLASS D-2B: Material causing other toxic effects (TOXIC).

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

CEPA DSL: Water; Potassium dihydrogenorthophosphate

CEPA NDSL: disodium (mono/di)hexadecyldifenoloxide disulfonate

DSCL (EEC) : R36- Irritating to eyes.

International Lists : WGK 1

State Regulations : No products were found.
 California prop. 65: No products were found.

16. Other Information

Label Requirements : MAY CAUSE EYE AND SKIN IRRITATION.

Hazardous Material Information System (U.S.A.)

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

National Fire Protection Association (U.S.A.)



References : Not available.

Other Special Considerations : Not available.

Validated by Kodak Polychrome Graphics on 2000-07-13.

Verified by Kodak Polychrome Graphics.

Printed 2000-07-14.

In Case of Emergency CALL 1-800-451-8346

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.