

# SAFETY DATA SHEET

# Kodak

## 804 Baking Gum

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the substance or preparation

Product name : 804 Baking Gum **Nr. SDS** : 50122  
**Date of issue** : 2006-08-04.  
**Catalogue number** : 5270582; 5270574 **Version** : 5.01  
**Area of application** : Industrial applications. Graphic Arts product. Plate gum

#### Company/undertaking identification

**Supplier** : Kodak Polychrome Graphics Europe S.A.  
 8, Avenue François Arago  
 Zone Industrielle BP 116  
 92164 Antony Cedex  
 France

**e-mail address of person responsible for this SDS** : EHS-EU@kodak.com

**Emergency telephone number** :

**Emergency telephone number: Int. + 31.30.2748888.  
 (Dutch National Poison Information Centre) Only for physicians and medical specialists in case of an accidental poisoning.**

**For other EHS Information** : Kodak Polychrome Graphics EHS-Affairs EU/AF/AS/AU  
 P.O. Box 56, 3750 GB Bunschoten, The Netherlands  
 Phone: Int. +31 33 299 88 80  
 Fax: Int. +31 33 299 88 89  
 E-mail: EHS-EU@kodak.com

**Sale Rep** :  
 Kodak Graphic Communications Ltd.  
 Axis 1, Rhodes Way,  
 Watford Herts, WD2 4FD, Great Britain  
 Phone: +44 1923 23 66 66  
 Fax: +44 1923 24 47 14

### 2. Hazards identification

**Main hazards** : Irritant, Dangerous for the environment.  
**Human health hazards** : Risk of serious damage to eyes.  
 May cause sensitization by skin contact.  
**Environmental hazards** : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.  
**Physical/chemical hazards** : Not applicable.  
**Classification** : Xi; R41  
 R43  
 N; R51/53

### 3. Composition/information on ingredients

**Substance/preparation** : Preparation

Ingredient name	CAS number	%	EC number	Symbol / R-Phrases
Water	7732-18-5	70-100	231-791-2	Not classified.
Hexadecyl(sulfophenoxy)benzenesulfonic acid, disodium salt	65143-89-7	10-15	405-430-6	Xi; R41 N; R50/53
Oxybis(hexadecylbenzenesulfonic acid), disodium salt	70191-76-3	1-5	405-430-6	Xi; R41 N; R50/53
Potassium dihydrogenorthophosphate	7778-77-0	1-5	231-913-4	Not classified.
Dipotassium hydrogen phosphate	7758-11-4	1-5	231-834-5	Not classified.
1,2-Benzisothiazol-3(2H)-one	2634-33-5	0.05-5	220-120-9	Xn; R22 Xi; R38, R41 R43 N; R50

See section 16 for the full text of the R-phrases declared above

Within the present knowledge of the supplier, this product does not contain any other hazardous ingredients in quantities requiring reporting in this section, in accordance with EU regulations or National regulations.

\* Occupational exposure limit(s), if available, are listed in section 9.

## 4. First aid measures

### First aid measures

- Inhalation** : Allow the victim to rest in a well-ventilated area. If irritation persists, get medical attention.
- Ingestion** : Do not induce vomiting. Have conscious person drink several glasses of water or milk. Get medical attention.
- Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, get medical attention. Wash contaminated clothing before reusing.
- Eye contact** : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

See section 11 for more detailed information on health effects and symptoms.

## 5. Fire-fighting measures

### Extinguishing media

- Suitable** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable** : None.
- Special exposure hazards** : No specific hazard.
- Hazardous thermal decomposition products** : These products are carbon oxides (CO, CO<sub>2</sub>), sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub>...).
- Special protective equipment for fire-fighters** : Be sure to use an approved/certified respirator or equivalent.

## 6. Accidental release measures

- Personal precautions** : Splash goggles. Lab coat. Nitrile gloves. In case of insufficient ventilation, wear suitable respiratory equipment.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : 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** : Do not ingest. Avoid contact with skin and clothing. Use with adequate ventilation. Wash thoroughly after handling.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Prevent from freezing.
- Packaging materials**
  - Recommended** : Use original container.

## 8. Exposure controls/personal protection

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Europe	Not available.
United Kingdom (UK)	

### Exposure controls

- Occupational exposure controls** : Ventilation is normally required when handling or using this product. Ensure that eyewash stations and safety showers are close to the workstation location.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking and using the lavatory and at the end of the day.
- Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.

## 804 Baking Gum

**Hand protection** : Use chemical resistant gloves.  
In case of prolonged immersion or frequently repeated contact use gloves made of the materials:  
butyl rubber (thickness  $\geq$  0.36 mm, breakthrough time > 480 min),  
nitrile rubber (thickness  $\geq$  0.38 mm, breakthrough time > 480 min) or  
neoprene (thickness  $\geq$  0.65 mm, breakthrough time > 240 min).  
For intermittent splash protection corresponding gloves with breakthrough times > 60 min can be used.  
Avoid gloves made of: natural rubber.

**Eye protection** : Splash goggles

**Skin protection** : Lab coat

## 9. Physical and chemical properties

**Physical state** : Liquid.  
**Color** : Light brown.  
**Odor** : Slight.  
**pH** : 5.9  
**Boiling point** : >100°C  
**Melting point** : <0°C  
**Relative density** : 1.06 g/cm<sup>3</sup>  
**Vapor pressure** : Not available.  
**Vapor density** : Not available.  
**Flammability** : Non-flammable.  
**Solubility** : Easily soluble in cold water.  
**VOC** : 0 (g/l).

## 10. Stability and reactivity

**Stability** : The product is stable.

**Conditions to avoid** : Not available.

**Materials to avoid** : Incompatible with strong oxidizing agents.

**Hazardous decomposition products** : These products are carbon oxides (CO, CO<sub>2</sub>), sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub>...).

## 11. Toxicological information

### Potential acute health effects

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Skin contact** : May cause sensitization by skin contact. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

**Eye contact** : Severely irritating to eyes. Eye contact can result in corneal damage or blindness. Inflammation of the eye is characterized by redness, watering and itching.

### Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Hexadecyl(sulfophenoxy)	LD50	>5000 mg/kg	Oral	Rat
benzenesulfonic acid, disodium salt	LD50	>2000 mg/kg	Dermal	Rat
1,2-Benzisothiazol-3(2H)-one	LD50	>1020 mg/kg	Oral	Rat
	LD50	>2000 mg/kg	Dermal	Rabbit

### Potential chronic health effects

<u>Ingredient name</u>	<u>Carcinogenic effects</u>	<u>Mutagenic effects</u>	<u>Developmental toxicity</u>	<u>Impairs fertility</u>
------------------------	-----------------------------	--------------------------	-------------------------------	--------------------------

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Skin** : May cause sensitization by skin contact. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

**Other adverse effects** : Not available.

## 12. Ecological information

### Ecotoxicity data

#### Ingredient name

Hexadecyl(sulfophenoxy)  
benzenesulfonic acid, disodium salt

#### Species

Trout (LC50)  
Daphnia (EC50)  
Algae (IC50)

#### Period

96 hour/hours  
48 hour/hours  
72 hour/hours

#### Result

0.42 mg/l  
13.9 mg/l  
42 mg/l

### Other ecological information

#### Persistence/degradability

##### Ingredient name

##### BOD<sub>5</sub>

##### COD

##### ThOD

##### Ingredient name

##### Aquatic half-life

##### Photolysis

##### Biodegradability

#### Bioaccumulative potential

##### Ingredient name

##### LogP<sub>ow</sub>

##### BCF

##### Potential

**Mobility** : Not available.

**Other adverse effects** : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

## 13. Disposal considerations




**Methods of disposal** : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Waste classification** : This product is listed as Hazardous by the EU Directive on hazardous waste. Dispose of according to all national and local applicable regulations.

**European waste catalogue (EWC)** : 09 01 99 + 15 01 10\*

## 14. Transport information

### International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
<b>ADR/RID Class</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexadecyl (sulfophenoxy) benzenesulfonic acid, disodium salt, Oxybis (hexadecyl-benzenesulfonic acid), disodium salt)	9	III		<b>CEPIC Tremcard</b> 90GM6-III
<b>IMDG Class</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexadecyl (sulfophenoxy) benzenesulfonic acid, disodium salt, Oxybis (hexadecyl-benzenesulfonic acid), disodium salt)	9	III		<b>Emergency schedules (EmS)</b> F-A; S-F
<b>IATA-DGR Class</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexadecyl (sulfophenoxy) benzenesulfonic acid, disodium salt, Oxybis (hexadecyl-benzenesulfonic acid), disodium salt)	9	III		-

## 15. Regulatory information

### EU regulations

Hazard symbol/symbols :



Irritant, Dangerous for the environment.

R-Phrases :

R41- Risk of serious damage to eyes.  
R43- May cause sensitization by skin contact.  
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-Phrases :

S24- Avoid contact with skin.  
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37/39- Wear suitable gloves and eye/face protection.

Contains :

1,2-Benzisothiazol-3(2H)-one  
Hexadecyl(sulfophenoxy)benzenesulfonic acid, disodium salt

## 16. Other information

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)

: R22- Harmful if swallowed.  
R38- Irritating to skin.  
R41- Risk of serious damage to eyes.  
R43- May cause sensitization by skin contact.  
R50- Very toxic to aquatic organisms.  
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)

: Xn - Harmful  
Xi - Irritant  
N - Dangerous for the environment.

Revision comments :

Section : 2; 7; 8; 9; 11; 16

### History

Date of printing :

2007-07-24.

Date of issue :

2006-08-04.

Date of previous issue :

2005-06-27.

Version :

5.01

Prepared by :

Kodak Polychrome Graphics, EHS-EU/AF/AS/AU, Bunschoten, NL

### 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.*

**FOR INDUSTRIAL USE ONLY**