

258 Plate Cleaner for Positive and Negative Plates**1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation

Product name : 258 Plate Cleaner for Positive and Negative Plates **Nr. SDS** : 60142
Date of issue : 2005-05-03.
Catalogue number : 9046400; 9046392 **Version** : 4.2
Area of application : Industrial applications. Graphic Arts product. Plate cleaner.

Company/undertaking identification

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

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@kpgraphics.com

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

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	%	EC number	Symbol / R-Phrases
Water	7732-18-5	40-70	231-791-2	Not classified.
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	15-20	265-185-4	Xn; R65 R66
Silicon dioxide, amorphous	7631-86-9	10-15	231-545-4	Not classified.
Linseed oil	8016-11-3	1-5	232-278-6	Not classified.
Nonylphenol polyethylene glycol ether	9016-45-9	1-5	500-024-6	Xn; R22 Xi; R36/38 R53
Phosphoric acid	7664-38-2	1-5	231-633-2	C; R34
Butyldiglycol acetate	124-17-4	1-5	204-685-9	Not classified.

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 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 8**

3. Hazards identification

Main hazards	: Harmful
Human health hazards	: Harmful: may cause lung damage if swallowed.
Environmental hazards	: Not applicable.
Physical/chemical hazards	: Not applicable.
Classification	: Xn; R65

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 immediately.
Skin contact	: In case of contact, immediately flush skin with plenty of water. If irritation persists, get medical attention.
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. If irritation persists, get medical attention.

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

5. Fire-fighting measures

Extinguishing media

Suitable	: Use DRY chemicals, CO ₂ , water spray or foam.
Not suitable	: Do not use water jet.
Special exposure hazards	: No specific hazard.
Hazardous thermal decomposition products	: These products are carbon oxides (CO, CO ₂).
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. Latex 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. Neutralize the residue with a dilute solution of sodium carbonate. 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. Do not breathe vapor or mist. Avoid prolonged contact with eyes, skin, and clothing. Ventilation is normally required when handling or using this product (typically 10 air changes per hour). 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 Phosphoric acid	EU OEL (Europe, 6/2000). STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s).
United Kingdom (UK) Silicon dioxide, amorphous	EH40-OES (United Kingdom (UK), 1/2003). TWA: 6 mg/m ³ 8 hour(s). Form: Inhalable fraction TWA: 2.4 mg/m ³ 8 hour(s). Form: Respirable fraction
Phosphoric acid	EH40-OES (United Kingdom (UK), 1/2003). STEL: 2 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s).

Exposure controls

- Occupational exposure controls** : Ventilation is normally required when handling or using this product (typically 10 air changes per hour). Ensure that eyewash stations and safety showers are close to the work-station location.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
- Respiratory protection** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection** : Use chemical resistant gloves.
In case of prolonged immersion or frequently repeated contact use gloves made of the materials: natural latex (thickness \geq 0.75 mm, breakthrough time > 10 min).
Avoid gloves made of: nitrile rubber, neoprene.
- Eye protection** : Splash goggles.
- Skin protection** : Lab coat.

9. Physical and chemical properties

- Physical state** : Liquid.
- Color** : Colorless.
- Odor** : Aromatic.
- pH** : 2 [Acidic.]
- Boiling point** : 180 to 190°C (356 to 374°F)
- Melting point** : <0°C (32°F)
- Specific gravity** : 0.99 (Water = 1)
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Flammability** : Non-flammable.
- Flash point** : Open cup: 67°C (152.6°F).
- Explosion limits** : Lower: 0.7% Upper: 7.5%
- Auto-ignition temperature** : 240°C (464°F)
- Solubility** : Insoluble in cold water.

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, CO₂).

11. Toxicological information**Potential acute health effects**

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : Aspiration hazard if swallowed- can enter lungs and cause damage.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Naphtha (petroleum), hydrodesulfurized heavy	LD50	>5000 mg/kg	Oral	Rat
	LD50	>3160 mg/kg	Dermal	Rabbit
	LC50	>5 mg/l (4 hour(s))	Inhalation	Rat
Nonylphenol polyethylene glycol ether	LD50	>500 mg/kg	Oral	Rat
	Phosphoric acid	LD50	1530 mg/kg	Oral
	LD50	2740 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

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- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Other adverse effects : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Naphtha (petroleum), hydrodesulfurized heavy	Fish (LC50)	96 hour(s)	20 mg/l
Nonylphenol polyethylene glycol ether	Daphnia (EC50)	48 hour(s)	1.8 mg/l
Phosphoric acid	Fish (LC50)	96 hour(s)	>1 mg/l
	Fish (LC50)	96 hour(s)	100 mg/l

Other ecological information

Persistence/degradability

<u>Ingredient name</u>	<u>BOD₅</u>	<u>COD</u>	<u>ThOD</u>
<u>Ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
<u>Ingredient name</u>	<u>LogP_{ow}</u>	<u>BCF</u>	<u>Potential</u>

- Mobility** : Not available.
Other adverse effects : No known significant effects or critical hazards.

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 federal, state 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
ADR/RID Class	Not regulated.			-		-
IMDG Class	Not regulated.			-		-
IATA-DGR Class	Not regulated.			-		-

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Harmful

R-Phrases : R65- Harmful: may cause lung damage if swallowed.

Contains : Naphtha (petroleum), hydrodesulfurized heavy

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK) : R22- Harmful if swallowed.
R65- Harmful: may cause lung damage if swallowed.
R34- Causes burns.
R36/38- Irritating to eyes and skin.
R66- Repeated exposure may cause skin dryness or cracking.
R53- May cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK) : C - Corrosive
Xn - Harmful
Xi - Irritant

Revision comments : Section : 2, 14, 16

History

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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.

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