



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

## SAFETY DATA SHEET

# KODAK PROFESSIONAL Dektol Developer Powder

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

▼Trade name: KODAK PROFESSIONAL Dektol Developer Powder  
Obtain special instructions before use.

Product no.: 1058296

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture: Photographic processing chemical (developer/activator) for black and white film and paper.

▼Use descriptors (UK REACH):

Sectors of use	Description
LCS "C"	Consumer uses: Private households (= general public = consumers)
Product category	Description
PC 30	Photochemicals
Process category	Description
PROC 19	Hand-mixing with intimate contact and only PPE available

▼EuPCS: PC-TEC-15 / Photochemicals

Uses advised against : None known.

#### 1.3. Details of the supplier of the safety data sheet

Company and address: **Photo Systems Inc.**  
7190 Huron River Drive  
MI 48130 Dexter  
USA  
Tel: +1 (734) 424-9625  
Fax: +1-734-580-2199  
www.photosys.com

For further information about this product email EHS-Questions @photosys.com

Manufacturer: **Photo Systems Inc.**  
7190 Huron River Drive  
MI 48130 Dexter  
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Tel: +1 (734) 424-9625  
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According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

**Contact person:** Jake Bolt  
**E-mail:** jake@photosys.com  
**Revision:** 19/02/2024  
**SDS Version:** 7.0  
**Date of previous version:** 10/10/2023 (6.0)

#### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).  
See section 4 "First aid measures".

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.1. ▼Classification of the substance or mixture

Acute Tox. 4; H302, Harmful if swallowed.  
Skin Sens. 1; H317, May cause an allergic skin reaction.  
Eye Dam. 1; H318, Causes serious eye damage.  
Muta. 2; H341, Suspected of causing genetic defects.  
Carc. 2; H351, Suspected of causing cancer.  
Repr. 1B; H360D, May damage the unborn child.  
STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.  
Aquatic Acute 1; H400, Very toxic to aquatic life.  
Aquatic Chronic 1; H410, Very toxic to aquatic life with long lasting effects.  
Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

**Hazard pictogram(s):**



**Signal word:** Danger

**▼Hazard statement(s):**

Harmful if swallowed. (H302)  
May cause an allergic skin reaction. (H317)  
Causes serious eye damage. (H318)  
Suspected of causing genetic defects. (H341)  
Suspected of causing cancer. (H351)  
May damage the unborn child. (H360D)  
May cause damage to organs through prolonged or repeated exposure. (H373)  
Very toxic to aquatic life with long lasting effects. (H410)

**Precautionary statement(s):**

**General:**

If medical advice is needed, have product container or label at hand. (P101)  
Keep out of reach of children. (P102)

**▼Prevention:**

Obtain special instructions before use. (P201)  
Do not breathe dust. (P260)

**▼Response:**

IF exposed or concerned: Get medical advice/attention. (P308+P313)  
Get medical advice/attention if you feel unwell. (P314)



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

**Storage:** Store locked up. (P405)

**Disposal:** Dispose of contents/container in accordance with local regulation (P501)

**▼Hazardous substances:** hydroquinone  
bis(4-hydroxy-N-methylanilinium) sulphate  
diboron trioxide

**▼Additional labelling:** Restricted to professional users.

### 2.3. Other hazards

**▼Additional warnings:** This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sodium carbonate monohydrate	CAS No.: 5968-11-6 EC No.: 619-709-7 UK-REACH: Index No.:	40-60%	Eye Irrit. 2, H319	
Sodium Sulfite	CAS No.: 7757-83-7 EC No.: 231-821-4 UK-REACH: Index No.:	25-40%		
hydroquinone	CAS No.: 123-31-9 EC No.: 204-617-8 UK-REACH: Index No.: 604-005-00-4	5-10%	Acute Tox. 4, H302 Skin Sens. 1B, H317 Eye Dam. 1, H318 Muta. 2, H341 Carc. 2, H351 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1) Aquatic Chronic 2, H411	
bis(4-hydroxy-N-methylanilinium) sulphate	CAS No.: 55-55-0 EC No.: 200-237-1 UK-REACH: Index No.: 650-031-00-4	1-3%	Acute Tox. 4, H302 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
Sodium	CAS No.: 68915-31-1	1-3%		[19]



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

hexametaphosphate	EC No.: 272-808-3 UK-REACH: Index No.:			
Potassium bromide	CAS No.: 7758-02-3 EC No.: 231-830-3 UK-REACH: Index No.:	1-3%	Eye Irrit. 2, H319	
diboron trioxide	CAS No.: 1303-86-2 EC No.: 215-125-8 UK-REACH: Index No.: 005-008-00-8	<1%	Eye Irrit. 2, H319 Acute Tox. 4, H332	[5]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[5] Substance is included in the Candidate List of substances of very high concern (SVHC).

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### ▼Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her. Get medical attention if symptoms occur.

#### Skin contact:

Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention in if symptoms occur or in case of eczema or other skin disorders.

#### Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

#### Ingestion:

Never give anything by mouth to an unconscious person. No NOT induce vomiting. Rinse mouth. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Get medical attention immediately.

#### Burns:

Not applicable.



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

#### **4.2. ▼Most important symptoms and effects, both acute and delayed**

Headache, Methaemoglobinaemia (hydroquinone)

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

IF exposed or concerned:

Get immediate medical advice/attention.

#### **Information to medics**

Bring this safety data sheet or the label from this product.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

No unusual fire or explosion hazards noted

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **5.2. ▼Special hazards arising from the substance or mixture**

During fire, gases hazardous to health may be formed. Hazardous decomposition products are carbon and sulfur oxides.

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2Z

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Use personnel protective equipment and clothing recommended in Section 8.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

#### **6.2. Environmental precautions**

Prevent product from entering drains, water courses or onto the ground.

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

#### **6.3. Methods and material for containment and cleaning up**

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### **6.4. Reference to other sections**

See Section 8 "Exposure controls/personal protection" for information on personal protection.



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

See Section 13 "Disposal considerations" on handling of waste.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Obtain special instructions before use. do not handle until all safety precautions have been read and understood. Do not get this material in contact with eyes. Do not taste or swallow. Avoid contact with skin and clothing. Avoid prolonged exposure. When using, Do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

### 7.2. ▼Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Powder trickling out onto the floor or onto other containers must be prevented.

**Recommended storage material:** Keep only in original packaging.

**Storage temperature:** Dry, cool and well ventilated

**▼Incompatible materials:** Contact with strong acids liberates sulphur dioxide.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational Exposure Limits

hydroquinone

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 0,5

diboron trioxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 20

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### DNEL

diboron trioxide

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	110.3 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	220.6 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	2.34 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	4.66 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	550 µg/kgbw/day



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Short term – Systemic effects - General population	Oral	550 µg/kgbw/day
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#### hydroquinone

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1.66 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3.33 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.05 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	2.1 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	600 µg/kgbw/day

#### Potassium bromide

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	95 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	95 mg/kg bw/day
Short term – Systemic effects - General population	Dermal	95 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	95 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.66 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	4.75 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	475 µg/kgbw/day
Short term – Systemic effects - General population	Oral	50 mg/kg bw/day

#### Sodium Sulfite

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Inhalation	88 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	298 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	11 mg/kg bw/day

## PNEC

#### diboron trioxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		2.9 mg/L
Intermittent release (freshwater)		13.7 mg/L
Marine water		2.9 mg/L
Sewage treatment plant		10 mg/L
Soil		5.7 mg/kg

#### hydroquinone

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		570 ng/L
Freshwater sediment		4.9 µg/kg
Intermittent release (freshwater)		1.34 µg/L
Marine water		57 ng/L



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Marine water sediment	490 ng/kg
Sewage treatment plant	710 µg/L
Soil	640 ng/kg

#### Potassium bromide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		520 µg/L
Intermittent release (freshwater)		109 mg/L
Marine water		41 mg/L
Sewage treatment plant		100 mg/L
Soil		3.2 mg/kg

#### Sodium Sulfite

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1.33 mg/L
Marine water		130 µg/L
Sewage treatment plant		99.9 mg/L

## 8.2. ▼Exposure controls

Good ventilations (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios:

There are no exposure scenarios implemented for this product.

### Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures:

Do not recirculate outlet air that contains the substances. Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and showers are clearly marked. Ensure that eyewash stations and safety showers are located within easy reach. Airborne gas and dust concentrations must be kept at a minimum. Provide efficient mechanical ventilation. If not possible use suitable respiratory equipment.

### ▼Hygiene measures:

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and



face.

**Measures to avoid environmental exposure:**


Keep damming materials near the workplace. If possible, collect spillage during work.

### Individual protection measures, such as personal protective equipment


▼ **Generally:**

Use only UKCA marked protective equipment.


#### Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of dust formation	SL	P3	White	EN149	
	Respiratory protection is not needed in the event of adequate ventilation.				


#### Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

#### Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	

#### Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Physical state:**

Powder

**Colour:**

White

**Odour / Odour threshold:**

None

**pH:**

Not applicable

**Density (g/cm³):**

Not applicable

**Relative density:**

Not applicable

▼ **Kinematic viscosity:**

No data available



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

**Particle characteristics:** No data available

### Phase changes

▼ **Melting point/Freezing point (°C):** No data available

**Softening point/range (waxes and pastes) (°C):** Does not apply to solids.

**Boiling point (°C):** Not applicable

**Vapour pressure:** Not applicable

▼ **Relative vapour density:** Not applicable

▼ **Decomposition temperature (°C):** No data available

### Data on fire and explosion hazards

**Flash point (°C):** Not applicable

**Flammability (°C):** The material is not combustible.

▼ **Auto-ignition temperature (°C):** No data available

**Lower and upper explosion limit (% v/v):** Does not apply to solids.

### Solubility

**Solubility in water:** Completely soluble

**n-octanol/water coefficient (LogKow):** Not applicable

**Solubility in fat (g/L):** Not applicable

### 9.2. Other information

**Sensitivity to shock:** No

**Evaporation rate (n-butylacetate = 100):** Not applicable

**Oxidizing properties:** Not applicable

**Other physical and chemical parameters:** No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

This product is stable and non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

Incompatible with strong acids which may liberate Sulphur dioxide.

### 10.5. Incompatible materials

Strong acids



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

#### 10.6. ▼Hazardous decomposition products

Hazardous decomposition products are carbon oxides and sulphur oxides.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

##### ▼Acute toxicity

Harmful if swallowed.

##### ▼Skin corrosion/irritation

Prolonged skin contact may cause temporary irritation.

##### ▼Serious eye damage/irritation

Causes serious eye irritation.

##### Respiratory sensitisation

Based on available data, the classification criteria are not met.

##### Skin sensitisation

May cause an allergic skin reaction.

##### Germ cell mutagenicity

Suspected of causing genetic defects.

##### Carcinogenicity

Suspected of causing cancer.

##### ▼Reproductive toxicity

May damage the unborn child.

##### STOT-single exposure

Based on available data, the classification criteria are not met.

##### ▼STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

##### Aspiration hazard

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### ▼Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

##### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

##### Other information



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

hydroquinone has been classified by IARC as a group 3 carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Very toxic to aquatic life with long lasting effects. (Hydroquinone (Cas 123-31-9)

### 12.2. ▼Persistence and degradability

Not readily biodegradable.

### 12.3. ▼Bioaccumulative potential

Based on available data, the classification criteria are not met.

### 12.4. Mobility in soil

No data available.

### 12.5. ▼Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. ▼Endocrine disrupting properties

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### ▼Waste treatment methods

Waste Treatment Methods: Product waste material must be disposed of in accordance with the national and local regulations. handle uncleaned containers like the product itself.

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 7 – Carcinogenic

HP 11 – Mutagenic

HP 14 – Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code




Not applicable.

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (hydroquinone)	Transport hazard class: 9 Label: 9 Classification code: M7 	III	Yes	Limited quantities: 5 kg Tunnel restriction code: (-) See below for additional information.
IMDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (hydroquinone)	Transport hazard class: 9 Label: 9 Classification code: M7 	III	Yes	Limited quantities: 5 kg EmS: F-A S-F See below for additional information.
IATA	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (hydroquinone)	Transport hazard class: 9 Label: 9 Classification code: M7 	III	Yes	See below for additional information.

\* Packing group

\*\* Environmental hazards

#### ▼Additional information

##### LIMITED QUANTITY EXEMPTION

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2Z

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

▼Restrictions for application:	Restricted to professional users. People under the age of 18 shall not be exposed to this product. Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.
Demands for specific education:	No specific requirements.
▼SEVESO - Categories / dangerous substances:	E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 100 tonnes / (upper-tier): 200 tonnes
Product registration number:	UFI: Y6C0-8VCX-5F0T-4QUH
▼Additional information:	Tactile warning.
Sources:	The Management of Health and Safety at Work Regulations 1999. The Health and Safety at Work etc. Act 1974 Regulations 2013. Control of Major Accident Hazards (COMAH) Regulations 2015. Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law. Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

### 15.2. Chemical safety assessment

Yes

## SECTION 16: OTHER INFORMATION

### ▼Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.  
H317, May cause an allergic skin reaction.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H332, Harmful if inhaled.  
H341, Suspected of causing genetic defects.  
H351, Suspected of causing cancer.  
H373, May cause damage to organs through prolonged or repeated exposure.  
H400, Very toxic to aquatic life.  
H410, Very toxic to aquatic life with long lasting effects.

H411, Toxic to aquatic life with long lasting effects.

▼**The full text of identified uses as mentioned in section 1**

LCS "C" = Consumer uses: Private households (= general public = consumers)

PROC 19 = Hand-mixing with intimate contact and only PPE available

PC 30 = Photochemicals

**Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

▼**Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance



According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

**The safety data sheet is validated by**

Validated by Photo Systems Inc./cf

**▼Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

DISCLAIMER: The information contained in this Safety Data Sheet is correct to the best of our knowledge and experience at the time of publication. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the user's responsibility to assure the proper use, storage and disposal of these materials to ensure the safety and health of the user and to protect the environment.

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