

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

SDS #: P-70039

Replenisher - Cyan

Issuing Date 06-28-2021

Revision date 09-23-2025

Revision Number 1

European Version Only

This SDS pertains to products that contain "L" in the date code stamped on the packaging. If your products code does not contain "L" reach out to EHS-Europe@Xerox.com

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Replenisher for iGen3 Digital Production Press
Part no. 006R01054, 006R01058, 006R01137, 006R01205, 006R01301, 006R01306, 006R90326
Other means of identification

Pure substance/mixture Mixture

Colour Cyan

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

Recommended use Xerographic printing

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier
 Xerox Europe Limited
 Xerox Technology Park
 Dublin Road
 Dundalk
 Co. Louth
 Ireland

For further information, please contact

Contact Point Manager, Environment, Health, Safety & Sustainability

E-mail address ehs-europe@xerox.com

Non-Emergency Telephone Number +353 429387410

For the most current document <https://safetysheets.business.xerox.com>

1.4. Emergency telephone number

Emergency Telephone 01 809 166 (8am-10pm 7 days a week)

| | |
|---|-----|
| Emergency Telephone - §45 - (EC)1272/2008 | |
| Europe | 112 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
EUH210 - Safety data sheet available on request.

2.3. Other hazards

Other hazards

May form explosible dust-air mixture if dispersed.

PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Chemical name | Weight-% | CAS No. | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|--|----------|------------|---------------------|---|---------------------------|
| Bisphenol A propylene oxide fumarate polymer { XP777 } | >60 | 39382-25-7 | Not listed | -- | -- |
| Iron powder | 15-20 | 7439-89-6 | 231-096-4 | -- | -- |
| Copper phthalocyanine | 1-10 | 147-14-8 | 205-685-1 | -- | 01-2119458771-32-0044 |
| Titanium Dioxide | <1 | 13463-67-7 | 236-675-5 | -- | -- |
| Zinc stearate | <1 | 557-05-1 | 209-151-9 | -- | -- |

Note

"--" indicates no classification or hazard statements apply.

Components marked as "Not Listed" are exempt from registration.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from

CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|-----------------------|-----------------|-------------------|---|--|--------------------------------------|
| Iron powder | 30000 | No data available | No data available | No data available | No data available |
| Copper phthalocyanine | 6400 | 5000 | No data available | No data available | No data available |
| Titanium Dioxide | 2000 | No data available | 5.09 | No data available | No data available |
| Zinc stearate | 2000 | 2000 | 50 | No data available | No data available |

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|-----------------------|--|
| General advice | For external use only. Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance. |
| Inhalation | Remove to fresh air. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. |
| Skin contact | Wash skin with soap and water. |
| Ingestion | Rinse mouth. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|----------------------------|---------------------------------------|
| Symptoms | Dust irritates eyes and air passages. |
| Effects of Exposure | No information available. |

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

| | |
|------------------------|------------------------|
| Note to doctors | Treat symptomatically. |
|------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|---|
| Suitable Extinguishing Media | Use water spray or fog; do not use straight streams. |
| Unsuitable extinguishing media | Do not scatter spilled material with high pressure water streams. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--|
| Specific hazards arising from the | Fine dust dispersed in air may ignite. |
|--|--|

chemical

Hazardous combustion products Hazardous decomposition products due to incomplete combustion. Carbon oxides. Nitrogen oxides (NOx).

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters In case of fire: Wear self-contained breathing apparatus. Use personal protection equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid generation of dust. Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Prevent dust cloud.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling Ensure adequate ventilation. Avoid generation of dust.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510) LGK 11.

7.3. Specific end use(s)

Specific use(s)
Xerographic printing.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Xerox Exposure Limit 2.5 mg/m³ (total dust)
Xerox Exposure Limit 0.4 mg/m³ (respirable dust)
Exposure Limits

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|-----------------------|---|--|---|--|---|
| Iron powder | - | - | - | TWA: 6.0 mg/m ³ | - |
| Copper phthalocyanine | - | TWA: 1 mg/m ³ TWA: 0.1 mg/m ³ STEL 4 mg/m ³ STEL 0.4 mg/m ³ | - | - | - |
| Titanium Dioxide | - | TWA: 5 mg/m ³ STEL 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 10.0 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ |
| Zinc stearate | - | - | TWA: 10 mg/m ³ | - | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 20 mg/m ³ |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
| Copper phthalocyanine | - | - | - | - | TWA: 0.02 mg/m ³ |
| Titanium Dioxide | - | - | TWA: 6 mg/m ³ STEL: 12 mg/m ³ | TWA: 5 mg/m ³ | - |
| Zinc stearate | - | - | - | - | TWA: 10 mg/m ³ |
| Chemical name | France | Germany TRGS | Germany DFG | Greece | Hungary |
| Copper phthalocyanine | - | - | - | - | TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ |
| Titanium Dioxide | TWA: 10 mg/m ³ | TWA: 1.25 mg/m ³ TWA: 10 mg/m ³ | TWA: 0.3 mg/m ³ Peak: 2.4 mg/m ³ | TWA: 10 mg/m ³ TWA: 5 mg/m ³ | - |
| Zinc stearate | TWA: 10 mg/m ³ | - | - | - | - |
| Chemical name | Ireland | Italy MDLPS | Italy AIDII | Latvia | Lithuania |
| Copper phthalocyanine | - | - | TWA: 1 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ |
| Titanium Dioxide | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ | - | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | TWA: 5 mg/m ³ |
| Zinc stearate | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 12 mg/m ³ STEL: 20 mg/m ³ | - | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | - | TWA: 5 mg/m ³ |
| Chemical name | Luxembourg | Malta | Netherlands | Norway | Poland |
| Titanium Dioxide | - | - | - | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 10 mg/m ³ STEL: 30 mg/m ³ |
| Chemical name | Portugal | Romania | Slovakia | Slovenia | Spain |
| Iron powder | - | - | TWA: 4 mg/m ³ TWA: 1.5 mg/m ³ | - | - |
| Copper phthalocyanine | - | - | - | - | TWA: 0.01 mg/m ³ |
| Titanium Dioxide | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ STEL: 15 mg/m ³ | TWA: 5 mg/m ³ | - | TWA: 10 mg/m ³ |
| Zinc stearate | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ | - | - | TWA: 10 mg/m ³ |
| Chemical name | Sweden | | Switzerland | United Kingdom | |

| | | | |
|-----------------------|--------------------------|---|---|
| Copper phthalocyanine | - | - | TWA: 1 mg/m ³ STEL: 2 mg/m ³ |
| Titanium Dioxide | NGV: 5 mg/m ³ | TWA: 3 mg/m ³ TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ |
| Zinc stearate | NGV: 5 mg/m ³ | TWA: 3 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 20 mg/m ³ STEL: 12 mg/m ³ |

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

| Chemical name | Oral | Dermal | Inhalation |
|-----------------------|------|---------------------------|--------------------------------|
| Iron powder | - | - | 3 mg/m ³ [5] [6] |
| Copper phthalocyanine | - | 4.67 mg/kg bw/day [4] [6] | 16.4 mg/m ³ [4] [6] |
| Zinc stearate | - | 4.67 mg/kg bw/day [4] [6] | 16.4 mg/m ³ [4] [6] |

Notes

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.

Derived No Effect Level (DNEL) - General Public

| Chemical name | Oral | Dermal | Inhalation |
|-----------------------|---------------------------|--------|-------------------------------|
| Iron powder | 0.71 mg/kg bw/day [4] [6] | - | 1.5 mg/m ³ [5] [6] |
| Copper phthalocyanine | 1.67 mg/kg bw/day [4] [6] | - | 2.9 mg/m ³ [4] [6] |
| Zinc stearate | 1.67 mg/kg bw/day [4] [6] | - | 2.9 mg/m ³ [4] [6] |

Notes

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.

Predicted No Effect Concentration (PNEC)

| Chemical name | Freshwater | Freshwater (intermittent release) | Marine water | Marine water (intermittent release) | Air |
|-----------------------|------------|-----------------------------------|--------------|-------------------------------------|-----|
| Copper phthalocyanine | 0.1 mg/L | - | 10 µg/L | - | - |
| Zinc stearate | 3.4 µg/L | 4.13 µg/L | 0.34 µg/L | 0.413 µg/L | - |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|-----------------------|---------------------|-----------------|------------------|------|------------|
| Copper phthalocyanine | - | - | 1000 mg/L | - | - |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|---------------|-------------------------|------------------------|------------------|---------------------|------------|
| Zinc stearate | 0.526 mg/kg sediment dw | 52.6 µg/kg sediment dw | - | 0.103 mg/kg soil dw | - |

8.2. Exposure controls

| | |
|--|--|
| Engineering controls | None under normal use conditions. |
| Personal protective equipment | |
| Eye/face protection | No special protective equipment required. |
| Hand protection | No special protective equipment required. |
| Skin and body protection | No special protective equipment required. |
| Respiratory protection | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| Thermal hazards | None under normal processing. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. |
| Environmental exposure controls | Do not allow into any sewer, on the ground or into any body of water. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|------------------------|----------------|
| Physical state | Solid |
| Appearance | Powder |
| Colour | Cyan |
| Odour | Faint. |
| Odour threshold | Not applicable |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|-------------------|-------------------------|
| Melting point / freezing point | Not applicable | None known |
| Initial boiling point and boiling range | Not applicable | None known |
| Flammability | Not flammable | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | Not applicable | |
| Lower flammability or explosive limits | Not applicable | |
| Flash point | Not applicable | None known |
| Autoignition temperature | Not applicable | None known |
| Decomposition temperature | Not applicable | None known |
| pH | Not applicable | None known |
| pH (as aqueous solution) | No data available | None known |
| Kinematic viscosity | Not applicable | None known |
| Dynamic viscosity | Not applicable | None known |
| Water solubility | Negligible | None known |
| Solubility(ies) | No data available | None known |

| | | |
|----------------------------|--------------------------|------------|
| Partition coefficient | Not applicable | None known |
| Vapour pressure | not applicable | None known |
| Relative density | 1 - 2 | None known |
| Bulk density | Not applicable | |
| Liquid Density | Not applicable | |
| Relative vapour density | not applicable | None known |
| Particle characteristics | | |
| Particle Size | No information available | |
| Particle Size Distribution | No information available | |

9.2. Other information

| | |
|-----------------|---------------------------|
| Softening point | 49 - 60 °C / 120 - 140 °F |
| VOC content | None |

9.2.1. Information with regards to physical hazard classes

| | |
|----------------------|--|
| Explosive properties | Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard |
|----------------------|--|

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

| | |
|------------|---|
| Reactivity | No dangerous reaction known under conditions of normal use. |
|------------|---|

10.2. Chemical stability

| | |
|-----------|---------------------------------|
| Stability | Stable under normal conditions. |
|-----------|---------------------------------|

Explosion data

| | |
|----------------------------------|-------|
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | None. |

10.3. Possibility of hazardous reactions

| | |
|------------------------------------|-------------------------------|
| Possibility of hazardous reactions | None under normal processing. |
|------------------------------------|-------------------------------|

10.4. Conditions to avoid

| | |
|---------------------|-------------------------------|
| Conditions to avoid | Generation/formation of dust. |
|---------------------|-------------------------------|

10.5. Incompatible materials

| | |
|------------------------|---|
| Incompatible materials | None known based on information supplied. |
|------------------------|---|

10.6. Hazardous decomposition products

| | |
|----------------------------------|------------------------|
| Hazardous decomposition products | None under normal use. |
|----------------------------------|------------------------|

SECTION 11: Toxicological information

Note: The toxicity data noted below is based on the test results of similar reprographic materials.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | No known effects under normal use conditions. |
| Eye contact | No hazard from product as supplied. |
| Skin contact | No hazard from product as supplied. |
| Ingestion | No hazard from product as supplied. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None known.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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

Numerical measures of toxicity
> 5 g/kg (rat) > 5 g/kg (rabbit) > 5

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------|----------------------|-------------------------|-------------------------|
| Iron powder | = 30 g/kg (Rat) | - | - |
| Copper phthalocyanine | > 6400 mg/kg (Rat) | > 5000 mg/kg (Rat) | - |
| Titanium Dioxide | > 2000 mg/kg (Rat) | - | > 5.09 mg/L (Rat) 4 h |
| Zinc stearate | > 2000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 200 mg/L (Rat) 1 h |

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Germ cell mutagenicity Not mutagenic in AMES Test.

Carcinogenicity

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". However, Xerox has concluded that the presence of titanium dioxide in this mixture does not present a health hazard. The IARC classification is based on studies in rats using high concentrations of pure, unbound TiO₂ particles of respirable size. Epidemiological studies do not suggest a carcinogenic effects in humans. In addition, the titanium dioxide in this mixture is encapsulated in a matrix or bound to the surface of the toner.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | European Union |
|------------------|----------------|
| Titanium Dioxide | Carc. 2 |

Reproductive toxicity This product does not contain any known or suspected reproductive hazards.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This mixture does not contain any substance that has endocrine disrupting properties with respect to humans.

11.2.2. Other information

Other adverse effects None known.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Not considered to be harmful to aquatic life.

12.2. Persistence and degradability

Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation

| Chemical name | Partition coefficient |
|-----------------------|-----------------------|
| Copper phthalocyanine | 6.6 |
| Zinc stearate | 4.64 |

12.4. Mobility in soil

Mobility in soil The product is insoluble and floats on water.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

| Chemical name | PBT and vPvB assessment |
|-----------------------|---------------------------------|
| Iron powder | The substance is not PBT / vPvB |
| Copper phthalocyanine | The substance is not PBT / vPvB |
| Titanium Dioxide | The substance is not PBT / vPvB |
| Zinc stearate | The substance is not PBT / vPvB |

12.6. Endocrine disrupting properties

Endocrine disrupting properties This mixture does not contain any substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

Other adverse effects No information available.
PMT or vPvM properties The product does not contain any substance(s) classified as PMT or vPvM.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging Dispose of contents/containers in accordance with local regulations.

Waste codes / waste designations according to EWC 08 03 18.

Other information Although toner is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways. Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.

SECTION 14: Transport information

Note: This material is not subject to regulation as a hazardous material for shipping

IATA

14.1 UN number or ID number Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazards Not applicable
 14.6 Special precautions for user
 Special Provisions None

IMDG

14.1 UN number or ID number Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazards Not applicable
 14.6 Special precautions for user
 Special Provisions None
 14.7 Maritime transport in bulk according to IMO instruments No information available

RID

14.1 UN number or ID number Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazards Not applicable
 14.6 Special precautions for user
 Special Provisions None

ADR

14.1 UN number or ID number Not regulated
 14.2 UN proper shipping name Not regulated
 14.3 Transport hazard class(es) Not regulated
 14.4 Packing group Not regulated
 14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions None

ADN

14.1 UN number or ID number Not regulated
14.2 UN proper shipping name Not regulated
14.3 Transport hazard class(es) Not regulated
14.4 Packing group Not regulated
14.5 Environmental hazard Not applicable
14.6 Special precautions for user
Special Provisions None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number |
|---------------|------------------------|
| Iron powder | RG 44, RG 44bis, RG 94 |

Switzerland

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable
Storage of Hazardous Material SC Non-hazardous material
WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Not applicable

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. Toners and inks are subject to the derogations referred to in Paragraphs 4a and/or 5 (a/b/c) of the Regulation.

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA Complies
DSL/NDL Complies

| | |
|----------------------|--|
| EINECS/ELINCS | Complies |
| ENCS | Contact supplier for inventory compliance status |
| IECSC | Contact supplier for inventory compliance status |
| KECL | Contact supplier for inventory compliance status |
| PICCS | Contact supplier for inventory compliance status |
| AIIC | Contact supplier for inventory compliance status |
| NZIoC | Contact supplier for inventory compliance status |
| TCSI | Contact supplier for inventory compliance status |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment

Chemical Safety Report A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorisation:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
STOT: Specific Target Organ Toxicity
ATE: Acute Toxicity Estimate
LC50: 50% Lethal Concentration
LD50: 50% Lethal Dose

Legend Section 8: Exposure controls/personal protection

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | Sk* | Skin designation |
| + | Sensitisers | | |

| Classification procedure | |
|---|-----------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | On basis of test data |
| Acute dermal toxicity | On basis of test data |
| Acute inhalation toxicity - gas | On basis of test data |
| Acute inhalation toxicity - vapour | On basis of test data |
| Acute inhalation toxicity - dust/mist | On basis of test data |
| Skin corrosion/irritation | On basis of test data |
| Serious eye damage/eye irritation | On basis of test data |
| Respiratory sensitisation | On basis of test data |
| Skin sensitisation | On basis of test data |
| Mutagenicity | Calculation method |

| | |
|--------------------------|-----------------------|
| Carcinogenicity | On basis of test data |
| Reproductive toxicity | On basis of test data |
| STOT - single exposure | On basis of test data |
| STOT - repeated exposure | On basis of test data |
| Acute aquatic toxicity | On basis of test data |
| Chronic aquatic toxicity | On basis of test data |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
 European Chemicals Agency (ECHA) (ECHA_API)
 Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AEGL(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
 Organisation for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

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Revision Note (M)SDS sections updated. 3. 15. 16.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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End of Safety Data Sheet