

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006 as amended

SDS # : P-70018

**Replenisher - Magenta**

Issuing Date 2019-09-04

Revision Date 2019-09-19

Version 1

**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.** 006R01055, 006R01059, 006R01138, 006R01150, 006R01206, 006R01302, 006R90327, 006R90334  
**Colour** Magenta

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

**Recommended Use** Xerographic printing

1.3 Details of the supplier of the safety data sheet

**Supplier** Xerox Ltd.  
 Xerox Environment, Health, Safety & Sustainability  
 Monroe House  
 Works Road  
 Letchworth  
 Herts. SG61LN  
 UK

For further information, please contact

**Contact person** Manager, Environment, Health, Safety & Sustainability  
**Phone** ++44 (0)1707 353434  
**Fax** -  
**E-mail address** ehs-europe@xerox.com

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

1.4 Emergency telephone number

Not applicable

**2. HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

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

2.2 Label elements

**Symbol(s)** None required  
**Signal Word** None required  
**Hazard Statements** None required  
**Precautionary Statements** None required

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### EC Label

EUH208 - Contains ( Pigment Red 81:2 ). May produce an allergic reaction

### 2.3 Other hazards

Not a PBT according to REACH Annex XIII  
May form explosible dust-air mixture if dispersed

### Special Note

Contains a chemical that can cause an allergic reaction in susceptible people  
Product is not a sensitizer by Local Lymph Node Assay (LLNA)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements	REACH Registration Number
Polyester resin	>60	39382-25-7	Not listed	--	--	--
Iron powder	20-35	7439-89-6	231-096-4	--	--	--
Magenta pigment	1-10	75627-12-2	278-270-6	Skin Sens 1 Aquatic Chronic 4	H317 H413	01-2120775793-39-0003
Amorphous silica	1-5	7631-86-9	231-545-4	--	--	--
Titanium dioxide	<1	13463-67-7	236-675-5	--	--	--

Full text of H- statements: see section 16

### 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.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General advice

For external use only. When symptoms persist or in all cases of doubt seek medical advice. Show this safety data sheet to the doctor in attendance.

#### Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes

#### Skin contact

Wash skin with soap and water

#### Inhalation

Move to fresh air

#### Ingestion

Rinse mouth with water and afterwards drink plenty of water or milk

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

#### Acute toxicity

##### Eyes

No known effect

##### Skin

No known effect

##### Inhalation

No known effect

##### Ingestion

No known effect

#### Chronic effects

##### Chronic toxicity

No known effects under normal use conditions

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**Main symptoms** Overexposure may cause:  
mild respiratory irritation similar to nuisance dust.

### 4.3 Indication of immediate medical attention and special treatment needed

<b>Protection of first-aiders</b>	No special protective equipment required
<b>Notes to physician</b>	Treat symptomatically

## **5. FIREFIGHTING MEASURES**

### 5.1 Extinguishing media

**Suitable extinguishing media** Use water spray or fog; do not use straight streams, Foam

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire

### 5.2 Special hazards arising from the substance or mixture

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

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

### 5.3 Advice for fire-fighters

In the event of fire and/or explosion do not breathe fumes. Wear fire/flame resistant/retardant clothing. Use self-contained pressure-demand breathing apparatus if needed to prevent exposure to smoke or airborne toxins. Wear self-contained breathing apparatus and protective suit.

### Other information

<b>Flammability</b>	Not flammable
<b>Flash point</b>	Not applicable

## **6. ACCIDENTAL RELEASE MEASURES**

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

Avoid breathing dust

### 6.2 Environmental precautions

No special environmental precautions required

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

<b>Methods for containment</b>	Prevent dust cloud
<b>Methods for cleaning up</b>	Use a vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner making it difficult to remove

### 6.4 Reference to other sections

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The environmental impact of this product has not been fully investigated  
However, this preparation is not expected to present significant adverse environmental effects.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Avoid dust accumulation in enclosed space, Prevent dust cloud

**Hygiene measures** None under normal use conditions

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

Keep container tightly closed in a dry and well-ventilated place, Store at room temperature

#### 7.3 Specific end uses

Xerographic printing

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

**Xerox Exposure Limit** 2.5 mg/m<sup>3</sup> (total dust)  
**Xerox Exposure Limit** 0.4 mg/m<sup>3</sup> (respirable dust)

Chemical Name	ACGIH TLV	European Union
Amorphous silica		TWA 0.1 mg/m <sup>3</sup>
Titanium dioxide	TWA: 10 mg/m <sup>3</sup>	

#### 8.2 Exposure controls

**Engineering measures** None under normal use conditions

#### Individual protection measures, such as personal protective equipment (PPE)

**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 special protective equipment required.  
**Thermal hazards** None under normal processing

**Environmental Exposure Controls** Keep out of drains, sewers, ditches and waterways

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Powder	<b>Odour</b>	Faint
<b>Physical state</b>	Solid	<b>Odour threshold</b>	Not applicable
<b>Colour</b>	Magenta	<b>pH</b>	Not applicable

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<b>Flash point</b>	Not applicable
<b>Boiling point/boiling range</b>	Not applicable
<b>Softening point</b>	49 - 60 °C / 120 - 140 °F
<b>Evaporation rate</b>	Not applicable
<b>Flammability</b>	Not flammable
<b>Flammability Limits in Air</b>	Not applicable
<b>Explosive Limits</b>	No data available
<b>Vapour pressure</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Specific gravity</b>	1-2
<b>Water solubility</b>	Negligible
<b>Partition coefficient</b>	Not applicable
<b>Autoignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not applicable
<b>Explosive properties</b>	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
<b>Oxidising properties</b>	Not applicable

### 9.2 Other information

None

## **10. STABILITY AND REACTIVITY**

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerisation</b>	Hazardous polymerisation does not occur

### 10.4 Conditions to avoid

Prevent dust cloud, Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

### 10.5 Incompatible Materials

None

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### 10.6 Hazardous decomposition products

None under normal use

## 11. TOXICOLOGICAL INFORMATION

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

### 11.1 Information on toxicological effects

#### Acute toxicity

Product Information

**Irritation** No skin irritation, No eye irritation  
**Oral LD50** > 5 g/kg (rat)  
**Dermal LD50** > 5 g/kg (rabbit)  
**LC50 Inhalation** > 5 mg/L (rat, 4 hr)

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Iron powder	30 g/kg ( Rat )		
Amorphous silica	>5000 mg/kg ( Rat )	>2000 mg/kg ( Rabbit )	>2.2 mg/L ( Rat ) 1 h
Titanium dioxide	10000 mg/kg ( Rat )		

#### Chronic toxicity

**Chronic effects** No known effects under normal use conditions  
**Carcinogenicity** See "Other Information" in this section.

Chemical Name	IARC
Titanium dioxide	2B

#### Other information

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 TiO<sub>2</sub> particles of respirable size. The Titanium Dioxide Industry REACH Consortium have concluded that these effects were species-specific, attributable to lung overload and not specific to TiO<sub>2</sub>, i.e. similar effects would also be seen for other low solubility dusts. Toxicological and 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.

#### Other toxic effects

**Sensitisation** Contains a chemical that can cause an allergic reaction in susceptible people  
Product is not a sensitizer by Local Lymph Node Assay (LLNA)  
**Mutagenic effects** Not mutagenic in AMES Test  
**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards  
**Target organ effects** None known  
**Other adverse effects** None known  
**Aspiration Hazard** Not applicable

## 12. ECOLOGICAL INFORMATION

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### 12.1 Toxicity

On available data, the mixture / preparation is not harmful to aquatic life

### 12.2 Persistence and degradability

Not readily biodegradable

### 12.3 Bioaccumulative potential

Bioaccumulation is unlikely

### 12.4 Mobility in soil

Insoluble in water

### 12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

### 12.6 Other adverse effects

The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Disposal considerations

<b>Waste Disposal Method</b>	Can be landfilled or incinerated, when in compliance with local regulations If incineration is to be carried out, care must be exercised to prevent dust clouds forming.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EWC Waste Disposal No.</b>	08 03 13
<b>Other information</b>	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.

## 14. TRANSPORT INFORMATION

### 14.1 UN/ID No

Not regulated

### 14.2 Proper shipping name

Not regulated

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### 14.3 Transport hazard class(es)

Not classified

### 14.4 Packing Group

Not applicable

### 14.5 Environmental hazards

Presents little or no hazard to the environment

### 14.6 Special precautions for users

No special precautions are needed in handling this material

### 14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code

Not applicable

## 15. REGULATORY INFORMATION

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

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

#### EC Label

EUH208 - Contains ( Pigment Red 81:2 ). May produce an allergic reaction

### 15.2 Chemical Safety Assessment

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

## 16. OTHER INFORMATION

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Revision Note Initial Release

#### Full text of H-Statements referred to under sections 2 and 3

H317 - May cause an allergic skin reaction

H413 - May cause long lasting harmful effects to aquatic life

#### Additional advice

#### EU Country Specific Exposure Limits

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Magenta pigment		TWA 0.5 mg/m <sup>3</sup> STEL 1.5 mg/m <sup>3</sup>			
Amorphous silica	STEL 18 mg/m <sup>3</sup> STEL 7.2 mg/m <sup>3</sup>	TWA 6 mg/m <sup>3</sup> TWA 2.4 mg/m <sup>3</sup>		AGW 4 mg/m <sup>3</sup>	TWA 0.075 mg/m <sup>3</sup>



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Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
	STEL 0.3 mg/m <sup>3</sup> TWA 6 mg/m <sup>3</sup> TWA 2.4 mg/m <sup>3</sup> TWA 0.1 mg/m <sup>3</sup>	STEL 18 mg/m <sup>3</sup> STEL 7.2 mg/m <sup>3</sup>			
Titanium dioxide	STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> STEL 12 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Xanthylum, 3,6-bis(ethylamino)-9-(2-(methoxycarbonyl)phenyl)-2,7-					TWA 5 mg/m <sup>3</sup> Ceiling 25 mg/m <sup>3</sup>
Silicon dioxide		SS-C**	TWA 4 mg/m <sup>3</sup>		TWA 0.1 mg/m <sup>3</sup> TWA 4.0 mg/m <sup>3</sup>
Titanium dioxide	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 3 mg/m <sup>3</sup>	STEL 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>		

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Titanium dioxide	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> C(A4)		TWA 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>	STEL 15 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Xanthylum, 3,6-bis(ethylamino)-9-(2-(methoxycarbonyl)phenyl)-2,7-	TWA 4 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>				
Silicon dioxide				TWA 5 mg/m <sup>3</sup> TWA 0.05 mg/m <sup>3</sup>	TWA 1.5 mg/m <sup>3</sup> STEL 3 mg/m <sup>3</sup>
Titanium dioxide	TWA 10 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup>	TWA 6 mg/m <sup>3</sup>	TLV 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.