# Safety Data Sheet

**SDS # :** P-70038

## Replenisher -Magenta

**Issuing Date** 2021-06-23 **Revision Date** 2024-03-28 **Version** 1

**Active**

**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 Askxerox@xerox.com**

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

**Product Identifier**

**Product Name**

Replenisher for iGen3 Digital Production Press

**Part no.** 006R01206, 006R01302

**Color** Magenta
**Pure substance/mixture** Mixture

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

**Recommended Use** Xerographic printing

**Details of the supplier of the safety data sheet**

**Manufactured by** Xerox Corporation
Webster, NY 14580

**For further information, please contact**

**Contact person** Manager, Environment, Health, Safety & Sustainability
**E-mail address** askxerox@xerox.com
**Emergency telephone** Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

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

## SECTION 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

This product contains no hazardous ingredients that meet the threshold for classification of the mixture.

**Label elements**

### GHS Label elements, including precautionary statements

**Symbol(s)**

**Signal Word** None

**Hazard Statements** None required

**Precautionary Statements** None required

**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)

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixtures**

| Chemical Name | CAS No. | Weight % | Classification (Reg. 1272/2008) | Hazard Statements |
|---|---|---|---|---|
| Polyester resin | 39382-25-7 | >60 | -- | -- |
| Steel powder | 7439-89-6 | 20-35 | -- | -- |
| Magenta pigment | 75627-12-2 | 1-10 | Skin Sens 1<br>Aquatic Chronic 4 | H317<br>H413 |
| Titanium Dioxide | 13463-67-7 | <1 | Carc (Inhal) 2 | H351 |

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

Full text of H- statements: see section 16

## SECTION 4. FIRST AID MEASURES

**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 material 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

**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 toxicity** No known effects under normal use conditions

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

**Aggravated Medical Conditions** None under normal use conditions

**Indication of immediate medical attention and special treatment needed**

**Protection of first-aiders** No special protective equipment required

**Notes to physician** Treat symptomatically

## SECTION 5. FIRE-FIGHTING MEASURES

**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

**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)

**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**

| | |
|---|---|
| **Flammability** | Not flammable. Will not readily ignite. |
| **Flash point** | Not applicable |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust

**Environmental precautions**

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

**Methods and material for containment and cleaning up**

| | |
|---|---|
| **Methods for containment** | Prevent dust cloud |
| **Methods for cleaning up** | Use an electrically protected vacuum cleaner to remove excess, then wash with COLD water. Hot water fuses the toner, making it difficult to remove |

**Reference to other sections**

See section 12 for additional ecological information
See Section 13 for additional information

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling**

| | |
|---|---|
| **Advice on 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 |

**Conditions for safe storage, including any incompatibilities**

**Technical measures and storage conditions**

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

| | |
|---|---|
| **Incompatible products** | None |

**Specific end uses**

Xerographic printing

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

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

| Chemical Name | ACGIH TLV | OSHA PEL |
|---|---|---|
| Titanium Dioxide | TWA: 0.2 mg/m³<br>TWA: 2.5 mg/m³ | TWA: 15 mg/m³ |

**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**

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Appearance** Powder
**Physical state** Solid
**Color** Magenta
**Odor** Faint
**Odor threshold** Not applicable
**pH** Not applicable

**Flash point** Not applicable

**Melting / Freezing Point** Not applicable
**Boiling point/range** Not applicable
**Softening point** 49 - 60 °C / 120 - 140 °F

**Evaporation rate** Not applicable
**Flammability** Not flammable. Will not readily ignite.
**Flammability Limits in Air** Not applicable

**Vapor pressure** Not applicable
**Vapor density** Not applicable
**Specific gravity** 1-2
**Water solubility** Negligible
**Partition coefficient** Not applicable
**Autoignition temperature** Not applicable
**Decomposition temperature** Not determined
**Viscosity** Not applicable
**Explosive properties** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
**Oxidizing properties** Not applicable

**Other information**

None

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity**

No dangerous reaction known under conditions of normal use

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

**Hazardous reactions** None under normal processing
**Hazardous polymerization** Hazardous polymerization does not occur

**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.

**Incompatible Materials**

None

**Hazardous decomposition products**

None under normal use

## SECTION 11. TOXICOLOGICAL INFORMATION

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

**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 |
|---|---|---|---|
| Steel powder | 30 g/kg ( Rat ) | | |
| Titanium Dioxide | 10000 mg/kg ( Rat ) | | 5.09 mg/L ( Rat ) 4 h |

**Chronic toxicity**

**Sensitization** Contains a chemical that can cause an allergic reaction in susceptible people
Product is not a sensitizer by Local Lymph Node Assay (LLNA)
**Neurological Effects** No information available
**Target organ effects** None known

**CMR Effects**

**Mutagenic effects** Not mutagenic in AMES Test
**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards
**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 $TiO_2$ particles of respirable size. Epidemiological studies do not suggest a carcinogenic effect 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**

**Aspiration Hazard** Not applicable
**Other adverse effects** None known

**Information on other hazards**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors

## SECTION 12. ECOLOGICAL INFORMATION

**Toxicity**

**Acute Aquatic Toxicity** On available data, substance is not harmful to aquatic life
**Chronic Aquatic Toxicity** On available data, substance is not harmful to aquatic life

**Component Information**

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|---|---|---|---|---|
| Steel powder | | LC50= 13.6 mg/L Morone saxatilis 96 h | | |

**Persistence and degradability**
Not readily biodegradable

**Bioaccumulative potential**
Bioaccumulation is unlikely

**Mobility in soil**
Insoluble in water

**Results of PBT and vPvB assessment**
This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

**Endocrine disrupting properties**
This product does not contain any known or suspected endocrine disruptors

**Other adverse effects**
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.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Methods** 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.

**Contaminated packaging** No special precautions are needed in handling this material

**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.

## SECTION 14. TRANSPORT INFORMATION

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

## SECTION 15. REGULATORY INFORMATION

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

**OSHA Regulatory Status**

This product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.

**Canada**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

## International Inventories

| | |
|---|---|
| **TSCA** | Complies |
| **DSL/NDSL** | Complies |

## Legend

| | |
|---|---|
| **TSCA** | United States Toxic Substances Control Act Section 8(b) Inventory |
| **DSL/NDSL** | Canadian Domestic Substances List/Non-Domestic Substances List |

## U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

**California Proposition 65**

Titanium dioxide is regulated under California Proposition 65 only if a product results in exposure in the form of "airborne, unbound particles of respirable size". Toner products do not result in exposure to titanium dioxide in the form of "airborne, unbound particles of respirable size". Therefore, the requirements of Proposition 65 do not apply to this product.

| Chemical Name | CAS No. | California Prop. 65 |
|---|---|---|
| Titanium Dioxide | 13463-67-7 | Carcinogen |

**U.S. State Right-to-Know Regulations**

Although this product contains substances included in some U.S. State Right-to-Know regulations, the particles are bound in a unique matrix and, therefore, the product does not pose any specific hazard.

| Chemical Name | Massachusetts | New Jersey | Pennsylvania | Illinois | Rhode Island |
|---|---|---|---|---|---|
| Titanium Dioxide | X | X | X | | |

## SECTION 16. OTHER INFORMATION

| | |
|---|---|
| **Issuing Date** | 2021-06-23 |
| **Revision Date** | 2024-03-28 |
| **Revision Note** | (M)SDS sections updated:, 3, Update to Format |

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

H317 - May cause an allergic skin reaction
H351 - Suspected of causing cancer
H413 - May cause long lasting harmful effects to aquatic life

**Disclaimer**
**The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.**

**end**