

# Safety Data Sheet

SDS #: D-4005

## Fuser Fluid/Fuser Fluid II/Fuser Oil

Issuing Date 2005-12-12

Revision Date 2023-05-19

Version 4

**Active**

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

**Product Identifier**

**Product Name**

Fuser Fluid for iGen3 Digital Production Press, Xerox iGen4™ Press,  
 Fuser Fluid II iGen4 220 Perfecting Press, Xerox Color 8250  
 Fuser Oil

**Part no.** 008R12892, 008R12901, 008R12936, 008R13030, 008R13095, 008R13096, 008R13099,  
 008R13100, FX: 008R12968, 008R13035

**Color** Clear  
**Pure substance/mixture** Mixture

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

**Recommended Use** Lubricant

**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>

2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Not classified

**Label elements**

**GHS Label elements, including precautionary statements**

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

**Other hazards**

No hazard expected under normal conditions of use

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixtures**

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Polydimethylsiloxane	63148-62-9	>90	--	--
Organo-functional polydimethylsiloxane	99363-37-8	<10	--	--

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

**4. FIRST AID MEASURES**

**Description of first-aid measures**

**General advice** IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.  
**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids  
**Skin contact** Wash skin with soap and water  
**Inhalation** Not an expected route of exposure  
**Ingestion** Not an expected route of exposure

**Most important symptoms and effects, both acute and delayed**

**Acute toxicity**  
**Eyes** Not an irritant  
**Skin** Not expected to be an irritant  
**Inhalation** Not an expected route of exposure  
**Ingestion** Not an expected route of exposure

**Main symptoms** May cause minimal respiratory irritation with continuous exposure to high concentrations.

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

**Protection of first-aiders** No special protective equipment required  
**Notes to physician** Treat symptomatically

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

**Suitable extinguishing media** Water spray, Foam, Carbon dioxide (CO<sub>2</sub>)  
**Unsuitable extinguishing media** None

**Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of irritating gases and vapors

**Hazardous combustion products**  
 No information available

**Advice for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary

**Other information**

**Flammability** Not flammable. Will not readily ignite.  
**Flash point** > 300 °C / > 572 °F  
**Method** Cleveland Open Cup

6. ACCIDENTAL RELEASE MEASURES

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

None required for material as supplied

**Environmental precautions**

Prevent product from entering drains

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

**Methods for containment** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13)

**Methods for cleaning up** Soak up with inert absorbent material

**Reference to other sections**

See section 12 for additional ecological information

See Section 13 for additional information

7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** When using, do not eat, drink or smoke, For personal protection see section 8

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice

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

**Technical measures and storage conditions**

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

**Incompatible products** Strong oxidizing agents

**Specific end uses**

Lubricant

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits** Contains no substances with occupational exposure limit values

**Exposure controls**

**Engineering measures** Ensure adequate ventilation, especially in confined areas

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

**Eye/Face protection** No special protective equipment required  
**Hand protection** Protective gloves, Polyvinylchloride (PVC)  
**Skin and body protection** No special protective equipment required  
**Respiratory protection** None under normal use conditions.  
**Thermal hazards** None under normal processing

**Environmental Exposure Controls**

**Environmental Exposure Controls** Prevent product from entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Appearance</b>	Oily Liquid	<b>Odor</b>	Odorless
<b>Physical state</b>	Liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	Clear	<b>pH</b>	No information available
<b>Flash point</b>	> 300 °C / > 572 °F	<b>Method</b>	Cleveland Open Cup
<b>Melting / Freezing Point</b>	- 50		
<b>Boiling point/range</b>	101 °C		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	<1 (ether = 1)		
<b>Volatility</b>	N.A. % (Wt.) N.A. % (Vol.)		
<b>Flammability</b>	Not flammable. Will not readily ignite.		
<b>Flammability Limits in Air</b>	Not applicable		
<b>Vapor pressure</b>	<5 mmHg @ 25 °C		
<b>Vapor density</b>	>1		
<b>Specific gravity</b>	0.853		
<b>Density</b>	0.963 g/mL at 25 °C		
<b>Water solubility</b>	Practically insoluble		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	Not applicable		
<b>Decomposition temperature</b>	Not determined		
<b>Viscosity</b>	No information available		
<b>Explosive properties</b>	Not explosive		
<b>Oxidizing properties</b>	Not applicable		

**Other information**

None

10. STABILITY AND REACTIVITY

**Reactivity**

No dangerous reaction known under conditions of normal use

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

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

**Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible Materials**

Strong oxidizing agents

**Hazardous decomposition products**

Carbon dioxide (CO<sub>2</sub>), Silicon dioxide, Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide, and, Formaldehyde

11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

**Acute toxicity**

**Product Information**

**Irritation** Not expected to be an irritant

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Polydimethylsiloxane	24 g/kg ( Rat ) 17 g/kg ( Rat )	2 g/kg ( Rabbit )	

**Chronic toxicity**

**Sensitization** Not a sensitizer  
**Neurological Effects** No information available  
**Target organ effects** No information available

**CMR Effects**

**Mutagenic effects** Not mutagenic in AMES Test  
**Reproductive toxicity** No information available  
**Carcinogenicity** Contains no ingredient listed as a carcinogen

**Other toxic effects**

**Aspiration Hazard** No information available

**Information on other hazards**

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

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

**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**

Presents little or no hazard to the environment

**Other adverse effects**

No information available

13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal Methods** Not a hazardous waste. Dispose of contents/container in accordance with local regulation

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

**OSHA Regulatory Status**

While this material is not considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information for the safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product.

**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**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies

**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**

This product does not contain any Proposition 65 chemicals

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

This product does not contain any substances regulated by state right-to-know regulations.

16. OTHER INFORMATION

<b>Issuing Date</b>	2005-12-12
<b>Revision Date</b>	2023-05-19
<b>Revision Note</b>	(M)SDS sections updated:, 9, 15

**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.

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