

# Safety Data Sheet

according to the Global Harmonised System

SDS # : D-40026

## Cleaner/Primer Fluid

Issuing Date 2017-02-15

Revision Date 2019-03-05

Version 2  
**Active**

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

#### 1.1 Product Identifier

**Product Name** **Cleaner/Primer Fluid** for Xerox Direct-to-Object InkJet Printer  
**Part no.** 008R08086

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

**Recommended Use** Cleaner

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

#### 1.4 Emergency telephone

+44 1865 407333

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin Sensitisation	Category 1
Specific target organ toxicity (STOT) — single exposure	Category 3
Acute Aquatic Toxicity	Category 2
Chronic Aquatic Toxicity	Category 2

#### 2.2 Label elements

**Symbol(s)**

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**Signal Word**

**Warning**
**Hazard Statements**

H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H317 - May cause an allergic skin reaction  
 H335 - May cause respiratory irritation  
 H401 - Toxic to aquatic life

**Precautionary Statements**

H411 - Toxic to aquatic life with long lasting effects  
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
 P270 - Do not eat, drink or smoke when using this product  
 P271 - Use only outdoors or in a well-ventilated area  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P272 - Contaminated work clothing should not be allowed out of the workplace  
 P264 - Wash hands thoroughly after handling  
 P308 + P313 - IF exposed or concerned: Get medical advice/attention  
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
 P362 - Take off contaminated clothing and wash before reuse  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
 P405 - Store locked up  
 P273 - Avoid release to the environment  
 P501 - Dispose of contents/container to an approved waste disposal plant

### 2.3 Other hazards

None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements
Propoxylated Neopentyl Glycol Diacrylate	70-90	84170-74-1	617546-6	Skin Sens 1B Aquatic Acute 2 Aquatic Chronic 2	H317 H401 H411
Isoodecyl acrylate	20-32	1330-61-6	215-542-5	Skin Irrit 2 Eye Irrit 2 Skin Sens 1B STOT SE 3 Aquatic Acute 2 Aquatic Chronic 2	H315 H319 H317 H335 H401 H411
Mequinol	0.1-<3.0	150-76-5	205-769-8	Acute Oral Tox 4 Eye Irrit 2 Skin Sens 1 Repr. 2 Aquatic Acute 3	H302 H319 H317 H361 H402

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**Full text of H- statements: see section 16**

**Note**

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

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes, Irritation may worsen with sun or UV light exposure, If eye irritation persists, consult a specialist
<b>Skin contact</b>	Wash off with warm water and soap, Get medical attention if irritation develops and persists, Remove and wash contaminated clothing before re-use, Irritation may worsen with sun or UV light exposure
<b>Inhalation</b>	Move to fresh air, Get medical attention immediately if symptoms occur
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water

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

<b>Acute toxicity</b>	
<b>Eyes</b>	Irritating to eyes
<b>Skin</b>	Irritating to skin, May cause sensitisation by skin contact
<b>Inhalation</b>	May cause irritation of respiratory tract
<b>Ingestion</b>	No known effect
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	Repeated or prolonged skin contact with the unexposed coating may cause skin irritation and/or dermatitis and sensitisation of susceptible persons
<b>Main symptoms</b>	
	Overexposure may cause: Prolonged skin contact may cause skin irritation and/or dermatitis

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

<b>Notes to physician</b>	Treat symptomatically, May cause sensitisation by skin contact
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### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Foam, Carbon dioxide (CO <sub>2</sub> ), Dry chemical, Water spray, Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire

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

**Hazardous combustion products** Heating or fire conditions liberates toxic gas, Thermal decomposition can lead to release of irritating gases and vapours

None in particular

#### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

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### Other information

<b>Flash point</b>	> 100 °C
<b>Method</b>	Closed cup

### **6. ACCIDENTAL RELEASE MEASURES**

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

Ensure adequate ventilation, Avoid contact with the skin and the eyes, For personal protection see section 8

#### 6.2 Environmental precautions

Should not be released into the environment, Do not allow material to contaminate ground water system

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

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so, Prevent entry into waterways, sewers, basements or confined areas
<b>Methods for cleaning up</b>	Prevent further leakage or spillage if safe to do so, Prevent entry into waterways, sewers, basements or confined areas, Keep in suitable, closed containers for disposal, Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

#### 6.4 Reference to other sections

See Section 13 for additional information

### **7. HANDLING AND STORAGE**

#### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Avoid contact with skin and eyes, Ensure adequate ventilation, Handle and open container with care

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

Store in accordance with local regulations, Store in original container, Keep tightly closed in a dry and cool place, Protect from sunlight and store in well-ventilated place, See Section 10

#### 7.3 Specific end uses

Cleaner

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1 Control parameters

**Exposure Limits** For country specific exposure limits see Section 16

Chemical Name	ACGIH TLV	European Union
Mequinol	TWA: 5 mg/m <sup>3</sup>	

#### 8.2 Exposure controls

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

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

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<b>Eye/face protection</b>	Avoid contact with eyes, If splashes are likely to occur, wear:, Goggles
<b>Hand protection</b>	Protective gloves.
<b>Skin and body protection</b>	Avoid any skin contact Wear appropriate clothing to prevent repeated or prolonged skin contact
<b>Respiratory protection</b>	Use only with adequate ventilation.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Clear	<b>Odour</b>	Acrylate
<b>Physical state</b>	Liquid	<b>Colour</b>	Colourless
<b>pH</b>	6-8		
<b>Flash point</b>	> 100 °C	<b>Method</b>	Closed cup
<b>Boiling point/boiling range</b>	100 °C		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	<1 (n-butylacetate=1)		
<b>Volatility</b>	<95 g/L		
<b>Flammability Limits in Air</b>	No information available		
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure</b>	>0.0 ± 0.5 mmHg @ 25 °C		
<b>Vapour density</b>	No information available		
<b>Specific gravity</b>	No information available		
<b>Water solubility</b>	partly soluble		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No information available		
<b>Decomposition temperature</b>	Not determined		
<b>Viscosity</b>	No information available		
<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 recommended storage conditions

#### 10.3 Possibility of hazardous reactions

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerisation</b>	Polymerisation can occur

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### 10.4 Conditions to avoid

Temperatures above 38 °C, Exposure to light, Incompatible products

### 10.5 Incompatible Materials

Strong bases, Oxidizing agents, Peroxides, Alcohols, Metals

### 10.6 Hazardous decomposition products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

*Product Information*

#### **Irritation**

No product level data available.

Irritating to eyes and skin

*Component Information*

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Isodecyl acrylate	12300 µL/kg ( Rat )	3540 µL/kg ( Rabbit )	
Mequinol	1600 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	

### Chronic toxicity

#### **Carcinogenicity**

Contains no ingredient listed as a carcinogen

### Other toxic effects

#### **Sensitisation**

May cause sensitisation of susceptible persons.

#### **Reproductive toxicity**

Contains a known or suspected reproductive toxin

#### **Target organ effects**

No information available

#### **Other adverse effects**

Respiratory tract irritation

#### **Aspiration Hazard**

No information available

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### **Acute Aquatic Toxicity**

Toxic to aquatic life

#### **Chronic Aquatic Toxicity**

Toxic to aquatic life with long lasting effects

### 12.2 Persistence and degradability

No product level data available

### 12.3 Bioaccumulative potential

No product level data available

### 12.4 Mobility in soil

No product level data available

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### 12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

### 12.6 Other adverse effects

None known

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Waste Disposal Method**                      This material and its container must be disposed of as hazardous waste

**EWC Waste Disposal No.**                      14 06 03\*

## 14. TRANSPORT INFORMATION

### 14.1 UN/ID No

UN3082 (ground/water)  
UN3334 (air)

### 14.2 Proper shipping name

Aviation Regulated liquid, n.o.s, (isodecyl acrylate ), Environmentally hazardous substance, liquid, n.o.s. ( propoxylated neopentyl glycol diacrylate )

### 14.3 Transport hazard class(es)

9

### 14.4 Packing Group

III

### 14.5 Environmental hazards

Marine pollutant

### 14.6 Special precautions for users

Regulation specific information below

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

Not applicable

Regulation	UN/ID No	Proper shipping name	Hazard class	Subsidiary hazard class	Packing Group	Exceptions
ICAO/IATA	UN3334	Aviation Regulated liquid, n.o.s, (isodecyl acrylate)	9	--	III	Section 2.6 Dangerous Goods in Excepted Quantities
IMDG/IMO	UN3082	Environmentally hazardous substance, liquid, n.o.s (propoxylated neopentyl glycol diacrylate)	9	--	III	Chapter 3.4 - Dangerous Goods Packed in Limited Quantities Chapter 3.5 - Dangerous Goods in Excepted Quantities

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ADR/RID	UN3082	Environmentally hazardous substance, liquid, n.o.s (propoxylated neopentyl glycol diacrylate)	9	III	ADN	UN3082
Environmentally hazardous substance, liquid, n.o.s (propoxylated neopentyl glycol diacrylate)	9	III				

### 15. REGULATORY INFORMATION

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

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

#### 15.2 Chemical Safety Assessment

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

### 16. OTHER INFORMATION

**Issuing Date** 2017-02-15  
**Revision Date** 2019-03-05  
**Revision Note** (M)SDS sections updated, 3

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

H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H335 - May cause respiratory irritation  
 H361 - Suspected of damaging fertility or the unborn child  
 H401 - Toxic to aquatic life  
 H402 - Harmful to aquatic life  
 H411 - Toxic to aquatic life with long lasting effects

#### Additional advice

#### EU Country Specific Exposure Limits

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Mequinol		TWA 5 mg/m <sup>3</sup> STEL 15 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup>		

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Propoxylated Neopentyl Glycol Diacrylate		S+			
Isodecyl acrylate		S+			
Mequinol	TWA 5 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
Mequinol	TWA 5 mg/m <sup>3</sup> S+	TWA 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup>	



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Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Mequinol	TWA 5 mg/m <sup>3</sup>	TWA 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.