

Safety Data Sheet

SDS # : S-9510

Waterless Ink - Yellow

Issuing Date 2011-09-20

Revision Date 2016-04-06

Version 1

Internal Use Only

1. Product and Company Identification

Trade Name Waterless Ink for CiPress™ 325 Production Inkjet System, CiPress 500 Production InkJet System

Part no. 008R13125, 008R13130

Color Yellow
Pure substance/preparation Preparation

Identified uses Ink jet printing

Manufactured by Xerox Corporation, Office Group
 P.O. Box 1000
 Wilsonville, OR 97070-1000

Emergency telephone Safety Information US: (800) 275-9376
 Chemical Emergency only (Chemtrec) (800) 424-9300

2. Hazards Identification

Emergency Overview

The product contains no substances which, in the form utilized and at their given concentrations, are considered to be hazardous to health.

| Color | Appearance | Physical state | Odor |
|--------|------------|----------------|-------|
| Yellow | Granules | Solid | Faint |

Classification of the substance or mixture

Consumers Not classified

GHS Label elements, including precautionary statements

Symbol(s) None required

Signal Word None

Hazard Statements None required

Precautionary Statements None required

Other hazards which do not result in classification

Potential Health Effects

Principle Routes of Exposure Skin contact

Acute Toxicity

Eyes Not expected to be an irritant

Skin Not expected to be an irritant

| | |
|--------------------------------------|--|
| Inhalation | Not applicable |
| Ingestion | Not applicable |
| Chronic effects | |
| Main symptoms | No known effects under normal use conditions |
| Aggravated medical conditions | None under normal use conditions |
| Environmental hazard | See Section 12 for additional Ecological Information |

3. Composition/Information on Ingredients

| Chemical Name | CAS-No | Weight % |
|---------------|-------------|----------|
| Paraffin wax | 8002-74-2 | 50-60 |
| Resin | Proprietary | 10-20 |
| Yellow dye | Proprietary | 1-10 |

4. First Aid Measures

| | |
|-----------------------------------|---|
| General advice | 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 | Not an expected route of exposure, Wash off with plenty of water |
| Skin contact | Wash off with warm water and soap |
| Inhalation | Not applicable |
| Ingestion | Not applicable |
| Notes to physician | Treat symptomatically |
| Protection of first-aiders | No special protective equipment required |

5. Fire-Fighting Measures

| | |
|--|--|
| Flammable properties | Combustible material: may burn but does not ignite readily |
| Flash point | > 221 °C / > 429 °F |
| Method | Pensky-Martens closed tester |
| Suitable extinguishing media | Dry powder, Carbon dioxide (CO ₂), Halons |
| Unsuitable extinguishing media | No information available |
| <u>Specific hazards arising from the chemical</u> | |
| Hazardous combustion products | May emit toxic fumes under fire conditions |
| Explosion Data | |
| Sensitivity to Mechanical Impact | Not impact sensitive |
| Sensitivity to Static Discharge | Not sensitive |

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions None required

Methods for containment Not applicable

Methods for cleaning up Pick up and transfer to properly labeled containers.

Other information 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

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice

Technical measures/Storage conditions Keep tightly closed in a dry and cool place

Hygiene measures None under normal use conditions

8. Exposure Controls/Personal Protection

Exposure guidelines

| Chemical Name | ACGIH TLV | OSHA PEL |
|---------------|--------------------------|----------|
| Paraffin wax | TWA: 2 mg/m ³ | |

Other information No hazardous exposure expected under normal use conditions.

Occupational Exposure Controls

Engineering measures None under normal use conditions.

Personal Protective Equipment

Consumer use These recommendations apply to the product as supplied

Respiratory protection No special protective equipment required

Eye/Face protection No special protective equipment required

Skin and body protection No special protective equipment required

Hand protection No special protective equipment required

9. Physical and Chemical Properties

| | | | |
|-----------------------|--------------------------|-----------------------|--------|
| Appearance | Granules | Odor | Faint |
| Odor threshold | No information available | Physical state | Solid |
| pH | Not applicable | Color | Yellow |

| | | | |
|-----------------------------------|---------------------|---------------------------------|----------------|
| Flash point | > 221 °C / > 429 °F | Boiling point/range | Not applicable |
| Softening point | Not applicable | Autoignition temperature | Not applicable |
| Flammability Limits in Air | Not applicable | | |
| Vapor pressure | Not applicable | | |
| Vapor density | Not applicable | | |
| Water solubility | Insoluble | | |
| Viscosity | Not applicable | | |
| Partition coefficient | Not applicable | | |
| Evaporation rate | Not applicable | | |
| Melting point/range | ~ 100 °C / ~ 212 °F | | |
| Freezing point | Not applicable | | |
| Decomposition temperature | Not determined | | |
| Specific gravity | ~ 1 @ 25 °C | | |

10. Stability and Reactivity

| | |
|---|--|
| Reactivity | No dangerous reaction known under conditions of normal use |
| Stability | Stable under normal conditions |
| Incompatible products | None known |
| Conditions to Avoid | Temperatures above 200°C |
| Hazardous Decomposition Products | Thermal decomposition can lead to release of irritating gases and vapors |
| Hazardous polymerization | Hazardous polymerization does not occur |
| Hazardous reactions | None under normal processing |

11. Toxicological Information

The toxicity information below is for the solid ink products and is based on studies conducted on each individual Xerox proprietary ingredient. Individual ingredient percent compositions in the ink products were considered in the final assessment.

Acute Toxicity

Product Information

| | |
|--------------------|---------------------------------|
| Irritation | Not expected to be an irritant |
| Oral LD50 | No product level data available |
| Dermal LD50 | No product level data available |

| | |
|-------------------|--------------------------------|
| Eyes | Not expected to be an irritant |
| Skin | Not expected to be an irritant |
| Inhalation | Not applicable |
| Ingestion | Not applicable |

Chronic toxicity

Product Information

| | |
|--------------------------------------|--|
| Main symptoms | No known effects under normal use conditions |
| Aggravated medical conditions | None under normal use conditions |
| Carcinogenicity | Components not listed by IARC, NTP or OSHA. |

Other toxic effects

Product Information

| | |
|------------------------------|---------------------------------|
| Sensitization | Not expected to be a sensitizer |
| Mutagenic effects | Not expected to be mutagenic |
| Target organ effects | No information available |
| Other adverse effects | None known |
| Aspiration Hazard | Not applicable |

12. Ecological Information

Ecotoxicity

The environmental impact of this product has not been fully investigated

Aquatic toxicity Not expected to be toxic to daphnia, algae, and fish.

13. Disposal Considerations

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261)
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport Information

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

15. Regulatory Information

International Inventories

TSCA 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

SARA 311/312 Hazard Categories No information available

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

TSCA

This product complies with TSCA12(b)

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

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 |
|---------------|---------------|------------|--------------|----------|--------------|
| Paraffin wax | X | X | X | | X |

Canada

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

16. Other Information

| | |
|----------------------|-----------------------------|
| Issuing Date | 2011-09-20 |
| Revision Date | 2016-04-06 |
| Revision Note | (M)SDS sections updated:, 3 |

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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