

Safety Data Sheet

SDS # : D-4008

Photoreceptor Solvent

Issuing Date 2009-01-14

Revision Date 2015-03-29

Version 1
Active

1. Product and Company Identification

UN/ID No UN 1993

Trade Name Photoreceptor Solvent for Xerox Products

Part no. 544P23390

Color Colorless
Pure substance/preparation Preparation

Identified uses Solvent

Supplier Address Xerox Corporation
Rochester, NY 14644

Xerox Canada LTD.
5650 Yonge Street
North York, Ontario M2M4G7

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

2. Hazards Identification

DANGER
Emergency Overview
Flammable liquid

Color Colorless	Appearance Clear	Physical state Liquid	Odor Alcohol
---------------------------	----------------------------	---------------------------------	------------------------

Classification of the substance or mixture

Consumers

Serious Eye Damage/Eye Irritation	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3
Flammable liquids	Category 2

GHS Label elements, including precautionary statements



Signal Word

Danger

Hazard Statements

H319 - Causes serious eye irritation
 H336 - May cause drowsiness and dizziness
 H225 - Highly flammable liquid and vapor

Precautionary Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 P240 - Ground/Bond container and receiving equipment
 P242 - Use only non-sparking tools
 P243 - Take precautionary measures against static discharge
 P264 - Wash hands thoroughly after handling
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337 + P313 - If eye irritation persists: Get medical advice/attention
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
 P271 - Use only outdoors or in a well-ventilated area
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P312 - Call a POISON CENTRE/doctor/physician if you feel unwell
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
 P501 - Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

Potential Health Effects

Principle Routes of Exposure

Inhalation

Acute toxicity

Eyes

Irritating to eyes

Skin

Does not cause skin irritation or sensitization

Inhalation

None under normal use

Ingestion

None under normal use

Chronic effects

Main symptoms

Overexposure may cause:

May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination

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 %
Isopropyl alcohol	67-63-0	60-100
Isoparaffinic hydrocarbon solvent	64742-48-9	10-30

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	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Skin contact	Wash off with warm water and soap
Inhalation	Move to fresh air
Ingestion	Do NOT induce vomiting Consult a physician
Notes to physician	Do NOT induce vomiting
Protection of first-aiders	No special protective equipment required

5. Fire-Fighting Measures

Flammable properties	Flammable
Flash point Method	13 °C / 55 °F Tag closed cup
Suitable extinguishing media	Dry chemical, Carbon dioxide (CO ₂)
Large Fires	Alcohol-resistant foam
Unsuitable extinguishing media	No information available
Specific hazards arising from the chemical Containers may explode when heated	
Hazardous combustion products	May emit toxic fumes under fire conditions
Explosion Data	
Sensitivity to Mechanical Impact	Not impact sensitive
Sensitivity to Static Discharge	May be ignited by friction, heat, sparks or flames Take precautionary measures against static discharges
Protective Equipment and Precautions for Firefighters Cool containers / tanks with water spray. In the event of fire, wear self contained breathing apparatus.	

6. Accidental Release Measures

Personal Precautions	Ensure adequate ventilation Remove all sources of ignition
-----------------------------	---

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.
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	Keep away from heat, sparks and open flame. No smoking
Technical measures/Storage conditions	Keep containers tightly closed in a cool, well-ventilated place
Hygiene measures	Wash hands before breaks and immediately after handling the product

8. Exposure Controls/Personal Protection

Exposure guidelines

Xerox Exposure Limit Not established

Component information

Chemical Name	ACGIH TLV	OSHA PEL
Isopropyl alcohol	STEL 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³

Occupational Exposure Controls

Engineering measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Consumer use	These recommendations apply to the product as supplied
Respiratory protection	None under normal use conditions, Use only with adequate ventilation, In case of insufficient ventilation wear suitable respiratory equipment
Eye/Face protection	Goggles, Safety glasses with side-shields
Skin and body protection	None under normal use conditions
Hand protection	Protective gloves
Glove material	Nitrile rubber Polyvinylchloride (PVC)

9. Physical and Chemical Properties
--

Appearance	Clear	Odor	Alcohol
Odor threshold	No information available	Physical state	Liquid
pH	Not determined	Color	Colorless

Flash point	13 °C / 55 °F	Boiling point/range	82 °C / 180 °F
Softening point	Not applicable	Autoignition temperature	No information available

Volatility	100 % (Vol.)
Volatile Organic Compounds	770 g/L
Flammability Limits in Air	Not determined

Vapor pressure	Not determined
Vapor density	Not determined
Water solubility	Slightly soluble
Viscosity	No information available
Partition coefficient	No information available
Evaporation rate	Not determined
Melting point/range	Not applicable
Freezing point	No information available
Decomposition temperature	Not determined
Specific gravity	0.77 @ 20 °C (water = 1)

10. Stability and Reactivity

Reactivity	No dangerous reaction known under conditions of normal use
Stability	Stable
Incompatible products	Strong oxidizing agents, Acid anhydrides
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO ₂)
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. Toxicological Information

Acute toxicity

Product information

Irritation Irritating to eyes

Component information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	1870 mg/kg (Rat)	4059 mg/kg (Rabbit)	72600 mg/m ³ (Rat) 4 h
Isoparaffinic hydrocarbon solvent	5000 mg/kg (Rat)	3160 mg/kg (Rabbit)	

Chronic toxicity

Main symptoms

Overexposure may cause: May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination

Aggravated medical conditions None under normal use conditions

Carcinogenicity

Contains no ingredient listed as a carcinogen

Other toxic effects

Product information

Sensitization	Not a sensitizer
Mutagenic effects	Not determined
Teratogenicity	No information available

Target organ effects No information available
Aspiration Hazard No information available
Other adverse effects No information available

12. Ecological Information

Ecotoxicity
 The environmental impact of this product has not been fully investigated.

Component information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Isopropyl alcohol	1000 mg/L EC50 96 h (Desmodesmus subspicatus) 1000 mg/L EC50 72 h (Desmodesmus subspicatus)	LC50= 9640 mg/L Pimephales promelas 96 h LC50> 1400000 µg/L Lepomis macrochirus 96 h LC50= 11130 mg/L Pimephales promelas 96 h	EC50 = 35390 mg/L 5 min	EC50 = 13299 mg/L 48 h
Isoparaffinic hydrocarbon solvent		LC50= 2200 mg/L Pimephales promelas 96 h		LC50 = 2.6 mg/L 96 h

Persistence and degradability No product level data available

Bioaccumulation No product level data available

Mobility No product level data available

Component information

Chemical Name	log Pow
Isopropyl alcohol	0.05

Other adverse effects No information available

13. Disposal Considerations

Waste Disposal Methods This material should be disposed of as a hazardous waste in the United States (D001 EPA code) and Canada.
 Small quantity exemptions may apply.
 This material should be disposed of using fuels blending, solvent recycling or incineration treatment methods.

Contaminated packaging Dispose of in accordance with local regulations.

California Waste Status
 This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol	Toxic Ignitable

14. Transport Information

Note Subject to regulation as noted below
 Exceptions may apply

DOT

Proper shipping name Flammable liquid, n.o.s. (isoparaffinic hydrocarbon solvent)
Hazard class 3
UN/ID No UN 1993
Packing Group II
Exceptions 49CFR173.150(b)(2)

TDG

Proper shipping name Flammable liquid, n.o.s. (isoparaffinic hydrocarbon solvent)
UN/ID No UN 1993
Packing Group II
Exceptions 1.17 Limited Quantities

ICAO/IATA

Proper shipping name Consumer Commodity
Hazard class 9
UN/ID No ID 8000
Exceptions Section 2.7 Dangerous Goods in Limited Quantities

IMDG/IMO

Proper shipping name Flammable liquid, n.o.s. (isoparaffinic hydrocarbon solvent)
Hazard class 3
UN/ID No UN 1993
Packing Group II
Exceptions Chapter 3.4 Dangerous Goods Packed in Limited Quantities

ADR/RID

Proper shipping name Flammable liquid n.o.s. (isoparaffinic hydrocarbon solvent)
Hazard class 3
UN/ID No UN1993
Packing Group II
Exceptions Chapter 3.4 Dangerous Goods Packed in Limited Quantities

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

Fire Hazard Yes

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 HAPs.

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

TSCA 12(b) does not apply to this product.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product is subject to U.S. State Right-to-know regulations as noted below.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	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.

NPRI

This product contains the following substances listed on the NPRI for Canada:

Chemical Name	NPRI
Isopropyl alcohol	X

16. Other Information

Issuing Date	2009-01-14
Revision Date	2015-03-29
Revision Note	Updated for OSHA HazCom 2012 and WHMIS 2015

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