SAFETY DATA SHEET

Océ TonerPearls PP Magenta

A CANON COMPANY

Section 1. Identification

GHS product identifier : Océ TonerPearls PP Magenta

Article number (Océ) : 1060099514 / 25001507 / 29800187

Product code (Canon) : 7503B020AA / 7503B038AA / 7503B012AA

Product type : Solid.

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

Identified uses : Toner for use in Océ ColorWave Printers. Other uses are not recommended.

Supplier's details :

Canon USA Inc.
One Canon Park, Melville, NY
11747, USA
1-800-OK-CANON

Canon Canada Inc.
6390 Dixie Road, Mississauga
ON L5T 1P7, Canada
905-795-1111

e-mail address of person responsible for this SDS : sds-hq@oce.com

Emergency telephone number (with hours of operation) :

USA: CHEMTREC# 1-800-424-9300 (24-hour safety information)

Canada: CHEMTREC 1-703-741-5500 (24-hour safety information)

or

001866 928 0789 24h

For chemical emergenies only.

Section 2. Hazards identification

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

Classification of the substance or mixture : Not classified.

GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.

Response : Not applicable.

Storage : Not applicable.

Disposal : Not applicable.

Hazards not otherwise classified : TonerPearls may cause choking when swallowed. Keep out of the reach of children.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

CAS number/other identifiers

CAS number : Not applicable.

Ingredient name	%	CAS number
C.I. Acid Red 143:1 benzoic acid	1 - 5 1 - 5	96024-05-4 65-85-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.

Inhalation : If inhaled, remove to fresh air. Clean nose, mouth and throat. Cough up.

Skin contact : Wash contaminated skin with soap and water. Do NOT use solvents or thinners.

Ingestion : Wash out mouth with water. Seek medical advice if large quantities have been ingested. Keep person warm and at rest. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : In case of fire, use water spray (fog), foam, dry chemical or CO_2.

Unsuitable extinguishing media : Do not use water jet.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides

Section 5. Fire-fighting measures

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Do not touch or walk through spilled material. Put on appropriate personal protective equipment (see Section 8). See also Section 8 for additional information on hygiene measures.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill : Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Use with adequate ventilation. See operator manual or safety data sheet of the copier/ printer.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. See operator manual or safety data sheet of the copier/printer.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures : Wash hands after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Wash contaminated clothing before reusing.

Eye/face protection : Not required during normal intended use of this product.

Section 8. Exposure controls/personal protection

Skin protection

Hand protection : Not required during normal intended use of this product.

Body protection : Not required during normal intended use of this product.

Other skin protection : Not required during normal intended use of this product.

Respiratory protection : Not required during normal intended use of this product.

Section 9. Physical and chemical properties

Appearance

Physical state : Solid. [spheres]

Color : Magenta

Odor : Faint odor.

Odor threshold : Not available.

pH : Not available.

Melting point : 80 to 85°C (176 to 185°F)

Boiling point : >250°C (>482°F)

Flash point : Closed cup: 200.5°C (392.9°F)

Evaporation rate : Not available.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : 1.2 (20 °C)
1.08 (130 °C)

Solubility : Soluble in the following materials: Ethyl methyl ketone
Partially soluble in the following materials: acetone, Ethanol.
Insoluble in the following materials: cold water and hot water.

Solubility in water : <0.00001 g/l

Partition coefficient: n-octanol/water : Not available.

Auto-ignition temperature : 425°C (797°F)

Decomposition temperature : Not available.

Viscosity : 10.0 - 11.5 mPa·s (130 °C)

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
C.I. Acid Red 143:1	LD50 Oral	Rat	>500 mg/kg	-
benzoic acid	LD50 Oral	Rat - Male	1700 mg/kg	-

Conclusion/Summary : Based on available data, the classification criteria are not met.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
benzoic acid	Skin - Mild irritant	Human	-	40 minutes 0. 76 Percent	-
-	Skin - Moderate irritant	Human	-	72 hours 22 milligrams Intermittent	-

Conclusion/Summary

Skin : Non-irritating to the skin. Based on toxicological literature on the ingredients of this product and test results of similar products.

Eyes : Non-irritating to the eyes. Based on toxicological literature on the ingredients of this product and test results of similar products.

Respiratory : Not applicable. No adverse effects are expected under intended use.

Sensitization

Not available.

Conclusion/Summary

Skin : Non-sensitizer. Based on toxicological literature on the ingredients of this product and test results of similar products.

Mutagenicity

Product/ingredient name	Test	Experiment	Result
C.I. Acid Red 143:1	474 Mammalian Erythrocyte Micronucleus Test	Experiment: In vivo	Negative
		Subject: Mammalian-Animal	
-	-	Subject: Bacteria	Negative
Océ TonerPearls PP Magenta	471 Bacterial Reverse Mutation Test	Subject: Bacteria	Negative

Conclusion/Summary : No mutagenic effect. Based on toxicological literature on the ingredients of this product and test results of similar products.

Carcinogenicity

Conclusion/Summary : No known significant effects or critical hazards.

Reproductive toxicity

Not available.

Conclusion/Summary : No known significant effects or critical hazards.

Teratogenicity

Not available.

Conclusion/Summary : No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
benzoic acid	Category 1	Inhalation	lungs

Section 11. Toxicological information

Aspiration hazard

Not available.

Information on the likely routes of exposure : Benzoic acid is classified as STOT RE 1 (inhalation, dust). However, Benzoic acid dust will not be formed due to the physical state of the toner. This was confirmed by means of emission measurements during normal use.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
C.I. Acid Red 143:1	EC50 12 mg/l	Algae	72 hours
-	EC50 2.8 mg/l	Daphnia	48 hours
benzoic acid	Acute EC50 860 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
-	Acute LC50 180 ppm Fresh water	Fish - Gambusia affinis - Adult	96 hours

Conclusion/Summary : No known significant effects or critical hazards.

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
benzoic acid	1,88	-	low

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : Incineration or landfill should only be considered when recycling is not feasible. Dispose of according to all federal, state and local applicable regulations.

RCRA classification : This product is not listed hazardous waste in accordance with Federal Regulation 40 CFR Part 261.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
UN proper shipping name	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
Transport hazard class(es)	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
Packing group	-	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.	No.
Additional information	-	-	-	-	-	-

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **TSCA 8(a) CDR Exempt/Partial exemption**: Not determined

Not determined.

Clean Water Act (CWA) 311: benzoic acid

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

Section 15. Regulatory information

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
C.I. Acid Red 143:1 benzoic acid	1 - 5 1 - 5	No. No.	No. No.	No. No.	Yes. Yes.	No. Yes.

State regulations

Massachusetts : The following components are listed: BENZOIC ACID

New York : The following components are listed: Benzoic acid

New Jersey : The following components are listed: BENZOIC ACID

Pennsylvania : The following components are listed: BENZOIC ACID

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Inform Consent (PIC)

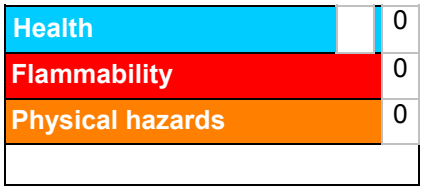
Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

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Section 16. Other information

History

Date of printing : 10-07-2015

Date of issue/Date of revision : 10-07-2015

Date of previous issue : No previous validation

Version : 1

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

References : Not available.

Indicates information that has changed from previously issued version.

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