

SAFETY DATA SHEET



Océ ColorWave 700 Toner Y

A CANON COMPANY

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : Océ ColorWave 700 Toner Y
Article number : 1070036650
Product code (Canon) : 9786B001AA

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

Identified uses : Toner for use in Océ ColorWave™700 Printer. Other uses are not recommended.

1.3 Details of the supplier of the safety data sheet

Supplier : Océ-Technologies B.V.
Address : St. Urbanusweg 43, 5914 CA Venlo, the Netherlands
Telephone number : +31 77 359 2222
e-mail address : sds-hq@oce.com

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : United Kingdom: 111

Emergency telephone number

Telephone number : + 44 (0) 1235 239 670

Hours of operation : 24h

Information limitations : For chemical emergencies only.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

See Section 16 for the full text of the H statements declared above.

2.2 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.

Supplemental label elements : Contains C.I. Solvent Yellow 146. May produce an allergic reaction. Safety data sheet available on request.

2.3 Other hazards

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
C.I. Solvent Yellow 146	CAS: 109945-04-2	1 - 5	Xn; R22	Acute Tox. 4, H302	[1]
Benzoic acid	EC: 200-618-2 CAS: 65-85-0	1 - 5	T; R48/23 Xi; R41, R38	Skin Sens. 1, H317 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT RE 1, H372 (lungs) (inhalation) See Section 16 for the full text of the H statements declared above.	[1]

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, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
 [2] Substance with a workplace exposure limit
 [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
 [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
 [5] Substance of equivalent concern

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

SECTION 4: First aid measures

4.1 Description of 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 to clean the skin.
- 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.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

- 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.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : No specific fire or explosion hazard.

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

5.3 Advice for firefighters

Special protective actions for fire-fighters : Avoid breathing dusts, vapours or fumes from burning materials.

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

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Do not touch or walk through spilt 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 Section 8 for additional information on hygiene measures.

6.2 Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and material for containment and cleaning up

Small spill : Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of according to all federal, state and local applicable regulations.

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

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 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. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated area. Do not store above the following temperature: 35°C (95°F). Keep container tightly closed and sealed until ready for use.

7.3 Specific end use(s)

For professional users only.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : Use with adequate ventilation. See operator manual or safety data sheet of the copier/printer.

Individual protection measures

Hygiene measures : Wash hands before eating, drinking or smoking.

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

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.

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Solid. [spheres]

Colour : Yellow.

Odour : Faint odour.

Odour threshold : Not available.

pH : Not available.

Melting point/freezing point : 80 to 85°C

Initial boiling point and boiling range : >250°C

Flash point : Closed cup: >200°C [Based on test result of similar product.]

Evaporation rate : Not available.

Flammability (solid, gas) : Not available.

Upper/lower flammability or explosive limits : Not available.

Vapour pressure : Not available.

SECTION 9: Physical and chemical properties

Vapour density	: Not available.
Relative density	: 1.2 (20 °C) 1.08 (130 °C)
Solubility(ies)	: 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	: 422°C
Decomposition temperature	: Not available.
Viscosity	: 9 - 11 mPa·s @ 130 °C
Explosive properties	: Not available.
Oxidising properties	: Not available.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: None known.
10.5 Incompatible materials	: None known.
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
C.I. Solvent Yellow 146	LD50 Oral	Rat	2000 to 5000 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.

Sensitisation

Océ ColorWave 700 Toner Y

SECTION 11: Toxicological information

Product/ingredient name	Route of exposure	Species	Result
Océ ColorWave 700 Toner Y C.I. Solvent Yellow 146	skin skin	Mouse Mouse	Not sensitizing Sensitising

Conclusion/Summary

Skin : Contains Solvent Yellow 146. May cause allergic reactions in certain individuals.

Mutagenicity

Product/ingredient name	Test	Experiment	Result
Océ ColorWave 700 Toner Y	471 Bacterial Reverse Mutation Test	Subject: Bacteria	Negative

Conclusion/Summary : Not mutagenic in Ames test. 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

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

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Benzoic acid	1	Inhalation	lungs

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.

Other information : Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
C.I. Solvent Yellow 146	LC50 1.6 mg/l	Fish	96 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.

12.2 Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
C.I. Solvent Yellow 146	-	-	Not readily

Conclusion/Summary : Not available.

12.3 Bioaccumulative potential

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

12.4 Mobility in soil

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

Mobility : Not available.

SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.
vPvB : Not applicable.

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : Incineration or landfill should only be considered when recycling is not feasible.
Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

European waste catalogue (EWC)

Waste code	Waste designation
08 03 18 -	waste printing toner other than those mentioned in 08 03 17 Waste printing toner not classified as hazardous waste.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Type of packaging	European waste catalogue (EWC)
Polystyrene cartridge (PS-HI)	15 01 02 plastic packaging.

Special precautions : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not available.	Not available.	Not available.	Not available.
14.2 UN proper shipping name	Not available.	Not available.	Not available.	Not available.
14.3 Transport hazard class(es)	Not available.	Not available.	Not available.	Not available.
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

14.6 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.

Océ ColorWave 700 Toner Y

SECTION 14: Transport information

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

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Other EU regulations

Europe inventory : All components are listed or exempted.

Regulation (EC) No. 648/2004, on Detergents , Annex VII : Not applicable.

Seveso Directive

This product is not controlled under the Seveso Directive.

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.

15.2 Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic

Océ ColorWave 700 Toner Y

SECTION 16: Other information

PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number
 vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Full text of abbreviated H statements	: H315 H317 H318 H319 H372 (lungs) (inhalation) H411	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure if inhaled. (lungs) Toxic to aquatic life with long lasting effects.
Full text of classifications [CLP/GHS]	: Aquatic Chronic 2, H411 Eye Dam. 1, H318 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT RE 1, H372 (lungs) (inhalation)	LONG-TERM AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (lungs) (inhalation) - Category 1

Date of printing : 28-09-2015

Date of issue/ Date of revision : 28-09-2015

Date of previous issue : 30-04-2015

Version : 2

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.