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CECTION 1	IDENTIFICATION	OF THE CHIPCTAL	NCE/DDEDAD/	ATION AND	OE THE
SECTION 1	COMPANY/UNDE		NCE/PREPARA	ATION AND	OF THE
Product Name:	Canon Starter (Magenta) for CLC300				
Product Code:	F41-6822				
Company Name:	Canon Europa N.V	<i>7</i> .			
Address:	Bovenkerkerweg 5	59-61, 1185 XB, An	nstelveen, The I	Netherlands	
Phone #:	03-3758-2111				
MSDS #:	TN0064-0304				
SECTION 2	COMPOSITION/IN	FORMATION ON	INGREDIENTS	5	
Hazardous Ingredie	ent(s)				
Chemical Name		CAS#	Weight %	EU Symbol	EU R-Phrase
Ferrite including of	copper and zinc	66402-68-4	90-95 (AsCu:10-12)	None	None
Chemical Name Ferrite including of	copper and zinc	USA OSHA PI Not established		ACGIH TL Not establis	
Chemical Name Ferrite including of	copper and zinc	EU ILV Not established		DFG MAK 1.0mg/m³ (As Cu and Inhalable fr	its compound :
				_	



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SECTION 2 CC	MPOSITION/INFORM	MATION ON	NINGREDIENTS - Continued
Carcinogen Chemical Name		CAS#	Reference
to Directive 67/548/EE	carcinogen in IARC HA regulations or Annex I		
Other Ingredient(s) Chemical/Generic 1	Name		Weight %
Polyester resin	Vanic		3 - 7
Pigment			<1
SECTION 3 H	AZARDS IDENTIFICA	ATION	
Emergency Overview:	Magentaish gray fine p	powder, sligh	nt plastic odor.
Potential Health Eff Inhalation:	fects and Symptoms: Exposure to excessive tract.	amounts of	dust may cause physical irritation to respiratory
Ingestion:	Practically non-toxic. product.	Ingestion is	a minor route of entry for intended use of this
Eye:	May cause transient sl	ight irritation	n.
Skin:	May be non irritant.		
Chronic Effects:			amounts of dust may cause lung damage. Use of esult in inhalation of excessive amounts of dust.
Medical Condition	ons Generally known to Not determined.	be Aggrava	ted by Exposure:

Canon

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FIRST AID MEASURES **SECTION 4** First Aid Measures: Inhalation: If symptoms are experienced, move victim to fresh air and obtain medical advice. Ingestion: Rince mouth. Drink 1 or 2 glasses of water. If irritation or discomfort occurs, obtain medical advice immediately. Do not allow victim to rub eye(s). Flush with lukewarm, gently flowing water for 5 Eye: minutes or until particle is removed. If irritation persists, obtain medical attention. Skin: Wash with soap and water. If irritation persists, obtain medical advice. Note to None Physicians: **SECTION 5** FIRE FIGHTING MEASURES Fire Fighting Measures: CO₂, water, dry chemicals Extinguishing Media: Unsuitable None Extinguishing Media: None Special Fire Fighting Procedures: Can form explosive dust-air mixtures when finely dispersed in air. Unusual Fire and **Explosion Hazards:** Fire and Explosive Properties: Flash Point(°C): Not applicable Flammable(Explosive) Not applicable Limits: Autoignition Not available Temperature($^{\circ}$ C): Flammability: Not-flammable (Test method: Directive 92/69/EEC, A10 Flammability (Solids))



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SECTION 5 FIRE	FIGHTING MEASURES - Continued			
Fire and Explosive Pro	operties - Continued:			
Autoflammability:	Not applicable			
Explosive Properties	Can form explosive dust-air mixtures when finely dispersed in air.			
Oxidizing Properties	Not available			
Hazardous Combustion Product	CO ₂ , CO			
Other Properties:	Not available			
SECTION 6 ACC	IDENTAL RELEASE MEASURES			
Personal Precautions:	Avoid breathing dust.			
Environmental Precautions:	Do not wash away into sewer.			
Method for Cleaning Up:	Sweep slowly spilled powder on to paper, and carefully transfer into a waste container. Clean remainder with wet paper, wet cloth or a vacuum cleaner. If a vacuum cleaner is used, it must rate as a dust explosion-proof type. Fine powder can form explosive dust-air mixtures.			
SECTION 7 HAN	DLING AND STORAGE			
Handling:	Avoid breathing dust. Use with adequate ventilation.			
Storage:	Keep away from oxidizing materials.			



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SECTION 8 EXPO	OSURE CC	ONTROLS	S / PERSONAL PROTECTION		
Exposure Guidelines:	USA OSHA	(TWA/PEI	L):15mg/m3 (Total dust)		
	ACGIH(TW	/A/TLV):	5mg/m3 (Respirable fraction) 10mg/m3 (Inhalable particulate)		
			3mg/m3 (Respirable particulate)		
	DFG (MAK	(i):	4 mg/m3 (Inhalable fraction) 1.5 mg/m3 (Respirable fraction) (Also refer to SECTION 2)		
Engineering Controls:	Use adequ	ate ventil			
Personal Protection Eq	uipment(s)	:			
Respiratory Protection:	Require	ed 🛮 No	ot Required		
Eye/Face Required No		ed 🛛 No	ot Required		
Skin Protection:	 □ Require	ed M No	ot Required		
oam Hotelton.	require	Ca KAIII	n noquitou		
SECTION 9 PHYS	SICAL AN	D CHEM	ICAL PROPERTIES		
Appearance:		Magentai	ish gray fine powder		
Odor:		Slight pla	astic odor		
pH:		Not applicable			
Boiling Point/Range(°C	C):	Not applicable			
Melting Point/Range(°C	C):	100 - 150	(Softening point)		
Decomposition Temper	rature(°C):	>200			
Flash Point(°C):		Not appl	icable		
Flammable (Explosive)	Limits:	Not appli	cable		
Autoignition Temperate	ure(°C):	Not avail			
Flammability:		Not-flam (Solids))	mable (Test method : Directive 92/69/EEC, A10 Flammability		
Autoflammability:		Not appli	icable		
Explosive Properties:			explosive dust-air mixtures when finely dispersed in air.		
Oxidizing Properties:		Not avail	able		
Vapor Pressure:		Not applicable			
Vapor Density:		Not applicable			
Density / Specific Grav	rity:	4.0 - 5.0			
Water Solubility:		Negligibl	le		
Fat Solubility:		Partially	soluble in toluene and xylene.		
Partition Coefficient (n-Octanol/Water):		Not appli	icable		
Percent Volatile:		Negligibl	le		
Evaporation Rate:		Not appli	icable		
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SECTION 10 STA	ABILITY	Y AND REACTIVITY
Stability:		■ Stable □ Unstable
Conditions to Avoid:		None
Materials to Avoid:		Strong oxidizers
Hazardous Decomposition Products:		CO, CO2
Hazardous Polymerization:		☐ May Occur ☑ Will Not Occur
Conditions to Avo	oid:	None
SECTION 11 TOX	XICOLO	OGICAL INFORMATION
Acute Toxicity: Inhalation:	Not av	oilekle
ililialation.	Not av	anable
		.to . Dat. I D50 > 5000 m a/lan
Ingestion:	Esuma	tte: Rat, LD50 > 5000 mg/kg
Eye:	Estima	te: Rabbit, transient slight conjunctival irritation only.
Skin:	Estimate : Rabbit, non irritant.	
Sensitization:	Not av	ailable
Mutagenicity:	 Fetima	ate : Ames Test (Salmonella typhimurium) : Negative
winagementy.	LSUIII	ice. Tames Test (Samionena typininunum). Negative
Reproductive Toxicity:	Not av	ailable
TOAICILY.		

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SECTION 11 TO	XICOLOGICAL INFORMATION - Continued
Carcinogenicity:	Not available
Others:	Chronic effects: Muhle et al. reported pulmonary response upon chronic inhalation exposure in rats to a toner enriched in respirable-sized particles compared to commercial toner. No pulmonary change was found at 1 mg/m3 which is most relevant to potential human exposure. A minimal to mild degree of fibrosis was noted in 22% of the animals at 4 mg/m3, and a mild to moderate degree of fibrosis was observed in 92% of the animals at 16 mg/m3. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lung for a prolonged interval.
SECTION 12 EC	OLOGICAL INFORMATION
Mobility:	Not available
Persistence / Degradability:	Not available
Bioaccumulation:	Not available
Ecotoxicity:	Not available
Other Adverse Effects:	Not available
SECTION 13 DIS	SPOSAL CONSIDERATION
Method of Disposal:	Disposal should be subject to federal, state or local laws.
SECTION 14 TR	ANSPORT INFORMATION
UN #:	None
UN Shipping Name:	
UN Classification:	None
UN Packing Group:	None
Special Precautions:	None
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SECTION 15 REC	SULATORY INFORMATION			
EU Information: Information on the	Label:			
Symbol &	Not required			
Indication: R-Phrase:	Not required			
S-Phrase:	Not required			
Dangerous Component(s):	None			
Specific Provision	s in Relation to Protection of Man or the E	vironment:		
76/769/EEC:	Not regulated			
(EC)2037/2000:	Not regulated			
(EEC)2455/92:	Not regulated			
Others:	None			
USA Information: Information on the L	abel			
Signal Word:	Not required			
Hazard warning:	Not required			
Safety Advice:	Not required			
Hazardous Component(s):	None			
SARA Title III §313 Chemical Na		Weight	%	
Ferrite including copper and zinc		_	Maximum)	
	ompounds(As Copper metal)	,	Maximum))	
Zinc and com	pounds(As Zinc metal)	(12 wt%)	(Maximum))	
California Proposition 65: Chemical Name		Weight	%	
None	me	11 OIGHT	, ,	
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SECTION 16	OTHER INF	ORMATION
AND A LIGHT NEW YORK		`\

Other Information:

None

Literature Reference:

- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- DFG, List of MAK and BAT Values
- EU Directive 76/769/EEC, 67/548/EEC, 88/379/EEC
- EU Regulation (EC)2037/2000, (EEC)2455/92

Abbreviations:

"EU" stands for European Union.

"OSHA PEL" stands for PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration.

"ACGIH TLV" stands for TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.

"EU ILV" stands for Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC and 2000/39/EC.

"DFG MAK" stands for MAK(Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.

"TWA" stands for Time Weighted Average.

"IARC" stands for International Agency for Research on Cancer.

"NTP" stands for National Toxicology Program (USA).

"OSHA HCS" stands for Occupational Safety and Health Act, Hazard Communication Standard.

"FHSA" stands for Federal Hazardous Substances Act.

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