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Section 1 : Identificatio	n			
Product identifier				
PRODUCT NAME :	ComColor X1 INK Cartridge BLACK			
ITEM CODE:	S-6701G			
Recommended use of the o	chemical and restrictions on use	;		
RELEVANT IDENTIFIED USES:	INK for InkJet Printer (ComCo	olor Series)		
Company identification				
MANUFACTURER	RISO KAGAKU CORPORATION			
	5-34-7 Shiba, Minato-ku, Tokyo, 108-8385, JAPAN			
	TEL: 81 (3) 5441-6611			
SUPPLIER:	RISO,INC.			
	10 State Street, Suite 201, Woburn, MA 01801-2105 USA			
	tel: (978) 777-7377			
Section 2 : Hazards ide	entification			
Classification of the chemic	cal in accordance with 29 CFR 1	910.1200(d):		
	Not classified			
Label elements				
HAZARD PICTOGRAMS:	Not required			
SIGNAL WORD:	Not required.			
HAZARD STATEMENTS:	Not required			
PRECAUTIONARY STATEMENTS:	Not required			
Hazards not otherwise clas	sified (HNOC) :			
	Not classified			
Section 3 : Compositio	n/information on ingredient	S		
Mixture:				
	Chemical name	CAS No.	wt%	
	Petroleum solvent	64742-46-7	< 50	
	Carbon black	1333-86-4	< 10	
	Fatty acid ester	Trade secret	Trade secret	
	Higher alcohol	Trade secret	Trade secret	
Section 4 : First-aid me	easures			
Description of first aid mea				
INHALATION:	If you feel unwell, move from	the contamination immed	diately to fresh air and seek	
	medical advice.			
EYE CONTACT:	In case of contact with eyes, rinse immediately with plenty of water and seek			
-	medical advice.			
SKIN CONTACT:	After contact with skin, wash immediately with plenty of water using a mild soap.			
INGESTION:	If swallowed, do not induce vomiting and seek medical advice.			
Most important symptoms/effects, acute and delayed:				
No further relevant information available.				
Indication of any immediate medical attention and special treatment needed:				
No further relevant information available.				



SAFETY DATA SHEET

Section 5 : Fire-fighting	measures				
	Water, CO ₂ , foam, dry che	mical powder dry s	and		
Special hazards arising from	-				
			Ov		
		ay produce toxic fumes of CO, CO ₂ , NOx, SOx his ink does not act as a source of ignition, but might burn if exposed to a fire.			
Section 6 : Accidental re	lease measures				
Personal precautions, protec	tive equipment and eme	rgency procedure	S:		
	Ventilate the area until ma	terial is completely	picked up.		
Environmental precautions:	Do not empty into the drain	ns.			
Methods and material for cor	ntainment and cleaning u	.dr			
Shovel up, then wipe up with cloth or paper.					
Section 7 : Handling an	d storage				
Precautions for safe handling	j :				
Use only in the well-ventilated areas.					
	Avoid contact with skin. Us	se only with cartridg	e.		
Conditions for safe storage, i	ncluding any incompatib	pilities:			
Store at 5 - 35 °C and protect from sunlight.					
Keep the ink out of reach of children.					
	Only original cartridge.				
Section 8 : Exposure cor	ntrols/personal prote	ction			
Control parameters:					
OCCUPATIONAL EXPOSURE	E GUIDELINES:				
		CAS No.	OSHA PEL	ACGIH TLV	
	Petroleum solvent	64742-46-7	5 mg/m ³ *1	5 mg/m ³ *1	
	Carbon black	1333-86-4	3.5 mg/m ³	3.5 mg/m ³	
		*1:	as mineral oil mists		
Appropriate engineering controls:					
Good general ventilation should be sufficient for most conditions.					
Individual protection measures, such as protective equipment:					
RESPIRATORY PROTECTION :	Not normally required	Not normally required			
HAND PROTECTION:	Recommend the use of gloves in case of contact with skin.				
EYE PROTECTION:	Not normally required				
SKIN AND BODY PROTECTION :	Not normally required	Not normally required			



Section 9 : Physical and chemical properties

Cection 5 : 1 hysical and				
Physical state:	Black liquid			
Odor:	Slight petroleum odor			
pH:	Not applicable			
Melting point/freezing point:	. < 0 °C			
Boiling point:	> 200 °C			
Flash point:	> 120 °C (Cleveland Open-cup)			
Evaporation rate:	No data available			
Flammability (solid, gas):	Not applicable			
Upper/lower flammability:	No data available			
Vapor pressure:	No data available			
Vapor density:	No data available			
Density:	0.86			
Solubility:	WATER SOLUBILITY: Negligible			
Partition coefficient:	No data available			
Auto-ignition temperature:	> 200 °C			
Decomposition temperature: No data available				
Viscosity:	No data available			
Section 10 : Stability an	d reactivity			
Reactivity:	No data available			
Chemical stability:	Stable under normal storage and handling conditions.			
Possibility of hazardous rea	ctions:			
	No data available			
Conditions to avoid:	Avoid exposure to high temperatures.			
Incompatible materials:	Strong oxidising agents			
Hazardous decomposition p	products:			
	None			
Section 11 : Toxicologic	cal information			
Information on toxicological	effects			
ACUTE ORAL TOXICITY:	LD50 >2000mg/kg (rat)			
ACUTE EYE IRRITATION:	May cause slight irritation.			
ACUTE SKIN IRRITATION:	May cause slight irritation.			
MUTAGENICITY:	Negative in the Ames test			
CARCINOGENICITY:	 Carbon black is listed as Class 2B (Possible human carcinogen) by IARC. However, IARC Monograph 93 also indicates "exposure to carbon black does not occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint." None of the other ingredients in this product are listed by IARC, NTP, MAK, OSHA or ACGIH as a carcinogen. None of the other ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP or OSHA. 			
*These information are based	on toxicity data for similar materials and ingredients.			



Section 12 : Ecological information				
Ecotoxicity:				
TOXICITY TO FISH:	Oryzias latipes	LC ₅₀ -96h > 100mg/L		
AQUATIC INVERTEBRATES:	Daphnia magna	EC_{50} -48h > 100mg/L		
AQUATIC PLANTS:	algae	ErC_{50} -72h > 100mg/L		
Persistence and degradabil	ity:			
	No information available.			
Bioaccumulative potential:				
	No information available.			
Mobility in soil:				
Other adverse effects:	No information availa			
* This information is based	on toxicity data for sim	ilar materials and ingredients.		
Section 13 : DISPOSAL		ONS		
Waste treatment methods:	Burn in an adequate	e incinerator or bury in landfill in accordance with all applicable		
	regulations. Any disposal practice must be in compliance with local, state and federal			
	laws and regulations.			
	Ink Cartridge (bottle)	material is plastic(polypropylene/polyethylene).		
	Label material is plas	tic (metal included).		
Section 14 : TRANSPORT INFORMATION				
UN number:	Not regulated			
UN proper shipping name:	er shipping name: Not regulated			
Transport hazard class(es): Not regulated (DOT, IMDG, IATA)				
Packing group:	Not regulated			
Environmental hazards:	Environmental hazards: Not regulated			
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:				
	Not regulated			
Section 15 : REGULAT	ORY INFORMAT	ION		
US Federal regulation:				
TSCA (Toxic Substance Control Act) :				
	All chemical subs	tances in these products are listed or exempted in TSCA chemical		
	substance invento	bry.		
Clean Air Act Section 112	Hazardous Air Polluta	ants(HAPs):		
	Not listed			
SARA Section 313 (40 CFR 372.65) :				
	Not listed			
CERCLA (40 CFR 302.4):	Not listed			



Section 16 : OTHER INFORMATION

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