

SAFETY DATA SHEET

Ink Ribbon (Cartridge) for
ML1120 Series
ML1190 Series

OKI DATA CORPORATION

SAFETY DATA SHEET**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: **Ink ribbon (cartridge) for**
ML1120 Series
ML1190 Series
(Ink name : #265)

Product description: Fabric Ribbon

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

Material uses: Printing

Uses advised against: No information available

1.3 Details of the supplier of the safety data sheet

Manufacturer: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

Supplier: OKI Europe Limited
Blays House, Wick Road, Egham, Surrey, TW20 0HJ, UK
Tel: +44 (0) 208 219 2190 Fax: +44 (0) 208 219 2199
e-mail: SDSQuestions@okieurope.com

1.4 Emergency telephone number

OKI Europe Limited: +44 (0) 208 219 2190
(Supported 09:00 to 17:00 UK Time, Monday to Friday
except Bank Holidays)

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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]**Physical Hazards**

Flammable Liquids: Not Classified

Health Hazards

Acute toxicity (Oral): Classification not possible

Acute toxicity (Dermal): Not Classified

Acute toxicity (Gases): Not gases

Acute toxicity (Vapours): Classification not possible

Acute toxicity (Dusts and Mists): Classification not possible

Skin corrosion / irritation: Classification not possible

Eye damage / irritation: Classification not possible

Sensitisation - Respiratory: Classification not possible

Sensitisation – Skin: Classification not possible

Germ cell mutagenicity: Classification not possible

Carcinogenicity: Classification not possible

Toxic to reproduction: Classification not possible

Specific target organ systemic: Classification not possible

toxicity (Single exposure)

Specific target organ systemic: Category 2, H373

toxicity (Repeated exposure)

Environmental Hazards

Hazardous to the aquatic environment – Acute hazard: Classification not possible

Hazardous to the aquatic environment – Chronic hazard: Classification not possible

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] [INK]

Hazard pictograms :



Signal word (CLP):

Warning.

Hazard statements (CLP):

H373-May cause damage to organs (larynx) though prolonged or repeated exposure.

Precautionary statements (CLP):

P260-Do not breathe dust / fume / gas / mist / vapours / spray.

P314-Get medical advice/attention if you feel unwell.

P501-Dispose of contents / container in accordance with local / regional / national / international regulations.

2.3 Other hazards

NFPA Hazard Classification: Health 2, Flammability 1, Instability 1, Special Hazards None

PBT: This substance is not identified as a PBT substance.

vPvB: This substance is not identified as a vPvB substance.

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SECTION 3: Composition/information on ingredients

Substance/mixture: Ink

Product/ingredient name	CAS No.	Content (%)	R-Phase
Carbon black	1333-86-4	<5	Not applicable
Pigment	Trade Secret	10-20	Not applicable
Dye	Trade Secret	10-20	Not applicable
Oil	Trade Secret	60-70	Not applicable
Resin	Trade Secret	<10	Not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Move the victims to clean air space and rest in a comfortable position for breathing. When it feels sick, take doctor's treatment.
Skin contact:	Wash away with soap and water immediately. When the skin swells and pain continues, take doctor's treatment.
Eye contact:	Rinse cautiously with clean water for several minutes. Immediately take doctor's treatment.
Ingestion:	Do not compel to vomit. Wash the mouth with water. Immediately take doctor's treatment.

4.2 Most important symptoms and effects, both acute and delayed

No additional information available.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray, Chemical Foam, Dry chemical or CO2 gas

Unsuitable extinguishing media: Do not use high pressure water jet.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for firefighters

1. Cut-off from the fire origin.
2. Wear the protection clothes and extinguish the fire from windward.
3. Transfer to the safe place the movable container immediately.
4. Cool down the surrounding equipment by water.
5. Specify the place off-limits around the fire.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In case of a large quantity:

1. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.
2. Ensure adequate ventilation.
3. Use suitable protective equipment.
4. Ensure a suitable fire extinguisher is at hand

In case of a small quantity: Use protective gloves as required.

6.2 Environmental precautions

Prevent entry into drains, waterways, basements and confined areas.

6.3 Methods and materials for containment and cleaning up

In case of a large quantity:

1. Stop the leaked liquid by sand or earth.
2. Guide the liquid to a safe location.
3. Vacuum or sweep up material and place in a designated, labelled waste container.

In case of a small quantity: Use cloths or paper to absorb the leaked liquid.

6.4 Reference to other sections: 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

When dealing with a large amount of ink, wear eye and/or face protection.

7.2 Conditions for safe storage, including any incompatibilities

Avoid direct sunlight and store in a well ventilated area.

7.3 Specific end use(s)

No information available at present.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	Japanese Society of Occupational Health	OSHA (PEL)	ACGIH (TWA)	ACGIH (STEL)
Carbon Black	Not established	3.5mg/m ³	3.5mg/m ³	Not established
Other components	Not established	Not established	Not established	Not established

8.2 Exposure controls

Appropriate engineering controls: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Equipment countermeasure: No special equipment required.

Personal protection: Wear protective gloves and/or glasses as required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid (Ink)
Colour:	Black
Odour:	Distinctive Odour.
Odour threshold:	Not determined.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	>170°C
Evaporation rate:	Negligible.
Flammability (solid, gas):	No data available.
Upper/lower flammability or explosive limits:	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Relative density:	No data available.
Solubility(ies):	Hardly solution in water.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

9.2 Other information

No additional information available.

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SECTION 10: Stability and reactivity

10.1 Reactivity:	The product has not been tested.
10.2 Chemical stability:	Stable under normal storage conditions.
10.3 Possibility of hazardous reactions:	Strong acids / Strong bases / Oxidiser
10.4 Conditions to avoid:	High temperature / Heating / Fire / Spark / Sunlight
10.5 Incompatible materials:	No information available at present.
10.6 Hazardous decomposition products:	Toxic gases such as carbon monoxide and carbon dioxide may occur during combustion.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (Oral):	Classification not possible
Acute toxicity (Dermal):	Not Classified
Acute toxicity (Gases):	Not gases
Acute toxicity (Vapours):	Classification not possible
Acute toxicity (Dusts and Mists):	Classification not possible
Skin corrosion / irritation:	Classification not possible
Eye damage / irritation:	Classification not possible
Sensitisation - Respiratory:	Classification not possible
Sensitisation – Skin:	Classification not possible
Germ cell mutagenicity:	Classification not possible
Carcinogenicity:	<p>Note:-Evaluation results for carcinogenicity of carbon black in each agency. IARC; Group 2B (The agent is possibly carcinogenic to humans.) ACGIH; A4 (Not classifiable as a carcinogen) EPA; Not applicable EU; Not applicable NTP; Not applicable Japan Association of Industrial Health; 2B Evaluation of carbon black is different in each agency. Therefore it is classified as "Classification not possible" Classification not possible</p>
Toxic to reproduction:	
Specific target organ systemic toxicity (Single exposure):	Classification not possible
Specific target organ systemic toxicity (Repeated exposure):	<p>Category 1: Carbon Black Classification not possible: Other components This product is classified as "Category 2". Because it contains the component of "Category 1", but its contents is less than 10% than 1%. Therefore, it is classified as "Category 2".</p> <p>Note:-In normal use, you will be not exposed to carbon black</p>
Aspiration toxicity:	Classification not possible

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SECTION 12: Ecological information

12.1 Toxicity

Hazardous to the aquatic environment – Acute hazard: Classification not possible
Hazardous to the aquatic environment – Chronic hazard: Classification not possible

12.2 Persistence and degradability: No information available.

12.3 Bioaccumulative potential: No information available.

12.4 Mobility in soil: No information available.

12.5 Results of PBT and vPvB assessment

PBT: This substance is not identified as a PBT substance
vPvB: This substance is not identified as a vPvB substance

12.6 Other adverse effects: No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Residual waste: When you dispose of this product, do so in accordance with all local, state, provincial and federal regulations. Entrust industrial waste to a licensed disposal contractor and ensure all toxicity and environmental risk are informed to the contractor prior to disposal.

Contaminated containers and packages: Empty containers must have all contents removed and then be entrusted to a licensed disposal contractor for disposal.

SECTION 14: Transport information

14.1 UN number: Not applicable.

14.2 UN proper shipping name: Not applicable.

14.3 Transport hazard class(es): Not applicable.

14.4 Packing group: Not applicable.

14.5 Environmental hazards: No information available

14.6 Special precautions for user: No information available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

For classification and labelling see section 2.

Observe restrictions: Yes

Comply with trade association/occupational health regulations.

USA

California Prop 65: Carbon black (1333-86-4)

State Right-to-Know: Carbon black (1333-86-4)

Canada

WHMIS/Ingredient Disclosure List: Carbon black (1333-86-4)

International Inventories

TSCA: All chemical substances in this product comply with all applicable rules or orders under TSCA.

15.2 Chemical Safety Assessment: No chemical safety assessments has been carried out

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.