



artech gmbh
inkjet competence

MATERIAL SAFETY DATA SHEET

1 - IDENTIFICATION OF PREPARATION AND COMPANY/BUSINESS

Preparation:

Name: BLACK INK FOR CP1160

Company/business:

Registered company name: artech gmbh
Address: Feldbachacker 10
D-44149 Dortmund
Germany
Telephone: +49 231 / 656 00 0
Fax: +49 231 / 656 00 66
Emergency telephone No.: +49 231 / 656 00 0

Normal use:

For use in cartridges for the HP CP 1160/Officejet D Series

2 - INFORMATION REGARDING CONSTITUENTS OF THE INK

Chem. Characteristic

Solution of water (ca. 70-75%), carbon black dispersion, modifiers and auxiliaries (tensides) with additional glycols, solvents (0,5 – 2%) and alcoholic mixtures (5-8%) and mixture of additional alcohols.

3 - IDENTIFICATION OF HAZARDS OF THE INK

Specific hazards: n.a.

4 - FIRST AID.

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of splashes or contact with eyes.

Rinse thoroughly with plenty of water; if necessary seek medical advice

In the event of splashes or contact with skin.

Wash off with plenty of water and soap.

DO NOT use solvents or thinners.

5 - FIRE-FIGHTING MEASURES

Not flammable

6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE

Methods for cleaning taking up:

Pick up with absorbent material; wash off with water

7 - HANDLING AND STORAGE

Advice on safe handling:

No special measures necessary; delivery, storage and so on in common plastic containers

Supplementary advises for storage conditions:

In closed rooms, not below 5°C, not above 45°C

8 - EXPOSURE CONTROL - PERSONAL SAFETY

Protective equipment:

Users should take care about personal protection which is common using chemicals or chemical preparations (gloves, glasses).

9 - PHYSICAL PROPERTIES OF THE INK

Appearance:	liquid
Colour:	black
Smell:	neutral
Flash point:	not below 100 °C
(Self) inflammable:	no
Density at 20 °C:	1,025 - 1,065
Solubility in water:	mixable
PH-value:	9,0 - 10,0

10 - STABILITY AND REACTIVITY

Hazardous decomposition products:

No thermal corrosion if proper stored and handled

11 - TOXICOLOGICAL INFORMATION

Toxicological tests: n.a.

12 - ECOLOGICAL INFORMATION

Details to elimination:	n.a.
Ecotoxic effect:	n.a.
Further remarks:	./.

13 - DISPOSAL CONSIDERATIONS

Product (recommendation):

Large quantities can be disposed by taking care of regulations of the local authorities

Uncleaned packing:

Use water; if necessary add tensides

14 - TRANSPORT INFORMATION

ADR:	}	Harmless product, keep separated from food
RID:		
ADNR:		
IMDG:		
IATA:		

15 - STATUTORY INFORMATION

Markings:	No mark after decree of danger matter
National regulations:	n.a.
Water hazard class:	1

16 - OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

The observation of existing laws and determines is the own responsibility of the users.