22292: Absolute Black® ink for use in HP Pagewide Pro X 577dw, 552dw, 477dw, 452dw (HP 973, 974, 975), 1 liter (1kg) Pigmented

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Name: Absolute Black® ink for use in HP Pagewide Pro X 577dw, 552dw, 477dw, 452dw (HP 973, 974, 975), 1 liter (1kg)
Part Number: 22292 **CAS NUMBER:** MIXTURE

1.2 IDENTIFIED USES AND USES ADVISED AGAINST

Intended Use: For use in Inkjet Printer/Fax/Copier Cartridges
Do not use for: Not advised for uses other than those described above.

1.3 SUPPLIER DETAILS

Supplier: UNINET IMAGING EUROPE, S.L.
Avinguda del Progres 52
Barcelona
Vilassar de Mar 08340
Spain
e-mail: support@uninetimaging.es
T: +34 (902) 196 170
Contact Hours: 9:00 AM - 18:00 PM EU
F: +34 93 741 41 66

1.4 EMERGENCY TELEPHONE NUMBERS

Emergency: +34 915 620 420 **Emergency Hours:** 7:00 AM - 4:00
EUROPEAN EMERGENCY: 112 [24H] **COUNTRY EMERGENCY:** +34915620420 [24H]

SECTION 2 - HAZARDS IDENTIFICATION

2.1 INFORMATION and CLASSIFICATION

Hazard Statement: Causes skin irritation
Causes serious eye irritation
May damage fertility or the unborn child

Classification According to Directive 1272/2008/EC (CLP): Causes serious eye damage, skin corrosion, or respiratory irritation

Hazard Classes: H315 H319 H360

Mixture Hazard Phrases [See also Section 16]: Skin Irrit. 2 Eye Irrit. 2A Repr. 1A/1B

Classification According to Global Harmonized System (GHS):
Global Harmonized System (GHS) Classification: Causes serious eye damage, skin corrosion, or respiratory irritation

Signal Word: DANGER

2.2 LABEL ELEMENTS

Applicable Pictograms:



Precautionary Statements: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash hands thoroughly after handling.
Wear protective gloves, dust mask, and goggles.

2.3 OTHER HAZARDS

PBT or vPvB: N/A

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22292: Absolute Black® ink for use in HP Pagewide Pro X 577dw, 552dw, 477dw, 452dw (HP 973, 974, 975), 1 liter (1kg) Pigmented

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

CAS NUMBER	CHEMICAL NAME	WT %	EC NUMBER	REACH NUMBER	GHS CLASSIFICATION
7732-18-5	Deionized Water	54-85	231-791-2	--------	Not classified
56-81-5	Glycerol	5-15	200-289-5	--------	Not classified
616-45-5	2-pyrrolidone	5-15	210-483-1	--------	See Hazard Class
Hazard Classes	Eye Irritation 2; Eye Irritation 3;				
INGREDIENT HAZARD PHRASES	H319 Causes serious eye irritation H320 Causes eye irritation				
1333-86-4	Carbon Black	3-6	215-609-9	01-2119384822-32-XXXX	Not classified
25133-97-5	Acrylic copolymer	1-5	607-559-5	--------	Not classified
84133-50-6	Alcohols, C12-14-secondary, ethoxylated	1-5	617-534-0	--------	See Hazard Class
Hazard Classes	Skin Irritation2; Eye Damage I; Acute Toxicity; Skin Sensitivity; Aquatic Acute I; Aquatic Chronic I;				
INGREDIENT HAZARD PHRASES	H315 Causes skin irritation H318 Causes serious eye damage H302 Harmful if swallowed H312 Harmful in contact with skin H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects				

No additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and require reporting in this section.

Substances in Annex XIV to Regulation (EC) No 1907/2006 (Authorization) or the Candidate List of SVHC: None

Substances in Annex XVII to Regulation (EC) No 1907/2006 (Restriction): None

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SECTION 4 - FIRST AID MEASURES

4.1 FIRST AID MEASURES

4.1.1 FIRST AID INSTRUCTIONS BY RELEVANT ROUTES OF EXPOSURE

Inhalation: Ink vapors may cause respiratory irritation. Take affected persons out to fresh air, if necessary.

Eye Contact: Ink contact with eye can cause serious eye irritation. While lifting upper eyelid, flush eyes with plenty of water for at least 15 minutes, and then get immediate medical attention

Skin Contact: Ink contact with skin may cause irritation, swelling, or redness. Wash material off of the skin with plenty of soap and water. If any other symptom develops get medical attention.

Ingestion: Get medical attention. If the person has swallowed a large quantity, get medical attention. If person is unconscious, turn head to side. If vomiting occurs, keep head lower than hips to help prevent aspiration.

4.1.2 ADDITIONAL FIRST AID INFORMATION

Additional First Aid Information:

No additional information available

Immediate medical attention required:

Short term exposure : Glycerin - fever, nausea, vomiting, diarrhea, headache, dizziness, sleep disorders, blood disorders, kidney failure, paralysis.

4.2 SYMPTOMS AND EFFECTS

Acute Symptoms from Exposure: No additional information available

Delayed Symptoms from Exposure: No additional information available

4.3 IMMEDIATE SPECIAL TREATMENT OR EQUIPMENT REQUIRED

Consider providing additional oxygen.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Recommended Extinguishing Media:

Non flammable liquid; no special explosion hazards are known.

Extinguishing Media Not to Use:

Do not scatter spilled material with high-pressure water.

5.2 SPECIAL HAZARDS

Unusual Fire/Explosion Hazards:

No information available

Ignition Temperature:

Not applicable

5.3 ADVICE FOR FIRE FIGHTERS

No additional information available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 Precautions for Non-Emergency Personnel:

Wear skin protection during cleanup. Ventilate to eliminate all vapors.

6.1.2 Precautions for Emergency Personnel:

Wear skin protection during cleanup. Use water spray to reduce vapors.

6.1.3 Personal Protection:

Wear skin and eye protection during cleanup

6.2 ENVIRONMENTAL PRECAUTIONS

Regulatory Information:

Store in an area separated from water supply and sewer.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP

Spill or Leak Cleanup Procedures:

Wear skin protection during cleanup. Contain spill and keep out of sewers and drains. Soak up material with absorbent and shovel into a chemical waste container. Wash residue from spill area with water and flush only to a sewer serviced by a wastewater treatment facility. Use care to minimize the amount of colored material that reaches the sewer.

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SECTION 7 - HANDLING AND STORAGE REQUIREMENTS

7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations for Handling: Keep out of reach of children and do not drink ink.
Keep containers sealed at all times.

Advice on General Hygiene: None

7.2 CONDITIONS FOR SAFE STORAGE

Store in a closed container. Do not store the ink in high or freezing Temperatures. Keep ink out of direct sunlight.

7.3 SPECIFIC END USES

Inkjet cartridge replacement ink.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Use standard ventilation; according to studies so far, additional ventilation equipment is not required.

8.2 EXPOSURE CONTROLS

AGENCY	Exposure Guidelines:	AGENCY	Exposure Guidelines:
USA - OSHA	N/A	N/A	N/A
USA - ACGI	N/A	N/A	N/A
UK - WEL:	NONE	N/A	N/A

Respiratory Protection: None required when ink is used as intended. Note warnings.

Eye/Face Protection: Wear splash-proof eye goggles or splash resistant safety goggles with a face shield.
Hand/Skin Protection: Wear appropriate chemical resistant gloves.
Additional Protection: Wear appropriate chemical resistant clothing.
Protective Clothing and Equipment: Use gloves, apron, mask, goggles.
Safety Stations: Provide an emergency eye wash fountain and quick drench shower in the immediate work area
Contaminated Equipment: No additional information available

Comments: None



WEAR SAFETY GOGGLES



WEAR PROTECTIVE GLOVES



WEAR IMPERVIOUS CLOTHING

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SECTION 9 - INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

9.1 DETAIL INFORMATION

Appearance: Liquid, black color

Odor:	Distinct	**Evaporation Rate:**	No information available
Odor Threshold:	No information available	**Relative Density:**	No information available
Flash Point:	Non-flammable liquid	**Flammability:**	No information available
Bulk Density:	No information available	**UPR/LWR Flamm Limits:**	No information available
Specific Gravity:	No information available	**Vapor Pressure:**	No information available
PH:	7.5-10.0	**Vapor Density:**	No information available
Solubilities:	Completely soluble in water	**Auto Ignition Temp:**	No information available
Partition coefficient:	No information available	**Decomposition Temp:**	No information available
Boiling Point:	>100° C	**Viscosity:**	2.5-6.0 cps at 25° C
Melting Point:	Not applicable for this product	**Explosive Properties:**	No information available
Surface Tension:	No information available	**Oxidizing Properties:**	No information available

9.2 OTHER INFORMATION

None

SECTION 10 - STABILITY AND REACTIVITY

10.1 REACTIVITY

Reactivity Hazards: Stable at room temperature and atmospheric pressure.
Data on Mixture Substances: No information available

10.2 STABILITY

10.2 Stability: No information available
10.3 Hazardous Polymerization: Do not store for an extended period, or store or use in an area in direct contact with air and sun and above room temperature.
10.4 Conditions to avoid: May form explosive peroxides. Stable at room temperature and atmospheric pressure.
10.5 Incompatible Materials: Acid, base, oxidizing agents, metallic oxide, peroxides, reducing agents, halogen, inflammables, mineral salt.
10.6 Hazardous Decomposition: Produces carbon oxide and sulfur compounds during thermal decomposition, and a variety of organic matters, cyanide

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECT

Mixture: The product DOES NOT contain lead(Pb), mercury(Hg), hexavalent chromium(Cr6+), polybrominated biphenyl(PBB), polybrominated biphenyl ether(PBDE) in a quantity >.05% or cadmium (Cd) > .01% per 100 grams of non-volatile mass.

Acute Toxicity: No information available
Skin Corrosion/Irritation: It can be absorbed through skin, making it red and developing irritation.
Serious Eye Damage: Exposure can cause serious eye damage. According to rabbit tests, it can develop corneal opacity with pain to humans, but recovered in a few days.
Sensitization: Inhalation: May cause irritation,nausea,headache,drowsiness,dizziness, dyspnea, pulmonary congestion,internal bleeding,blood disorders,kidney
Mutagenicity: failure,unconsciousness,loss of coordination.Overexposure of skin may cause irritation/swelling/redness.
Carcinogenicity: Intenti
Reproductive Toxicity: No information available.
STOT - Single Exposure: No information available
STOT - Multiple Exposure: No information available
Ingestion: It develops lethargy, dizziness, dyspnea, metabolic acidosis, hematuria, or liver disease. When it is inhaled, it irritates nose and neck.
Hazard Class Information: According to animal tests, inhalation can cause toxic effects on blood.
Mixture on Market Data: Intentional or accidental oral ingestion may cause an upset stomach.
Test Data on Mixture: No information available
Not Meeting Classification: No information available
Routes of Exposure: No information available
Symptoms: No information available
Delayed/Immediate Effects: Eye, skin, inhalation, and oral.
Interactive Effects: No information available
Absence of Specific Data: N/A
Mixture vs Substance Data: No information available
No information available

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SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity Follow applicable pictograms
12.2 Degradability: No information available
12.3 Bioaccumulation Potential: No information available
12.4 Mobility in Soil: No information available
12.5 PBT & vPvB Assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB
12.6 Other Adverse Effects: No information available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Information:

Empty container retains product residue.
Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product.

Physical/Chemical Properties that affect Treatment:

1. Neutralize, hydrolyze, oxidize, or restore it.
2. Incinerate or melt it in high temperature.

Waste Treatment Information:

Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.

Waste Treatment Information:

Discourage sewage disposal

Personal Protection Required:

No information available

SECTION 14 - TRANSPORT INFORMATION

General Comments: Follow the cautions listed on handling and storage

14.1 UN Number: No information available
14.2 UN Shipping Name: No information available
12.3 Hazard Class: No information available
14.4 Packing Group: No information available
14.5 Environmental Hazards: No information available
14.6 User Precautions: No information available
14.7 Bulk Transport: No information available

SECTION 15 - REGULATORY INFORMATION

EU Regulatory Information: No information available
EPA Regulatory Information: TSCA: All ingredients are listed on the TSCA Inventory
CERCLA Reportable Quantity: None

Superfund Information:
Hazard Categories:

Immediate: None
Delayed: None
Fire: None
Pressure: None
Reactivity: None

Section 302 - Extremely Hazardous: None
Section 311 - Hazardous: None

State Regulations:
No information available

Other Regulatory Information:
No information available

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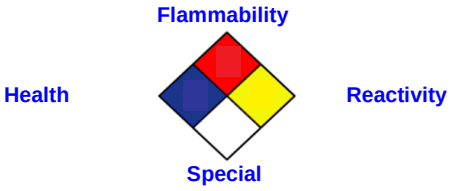
SECTION 16 - OTHER INFORMATION

General Comments: None

Issue Date of this SDS: 19-Jun-19
Revised Sections: N/A
Replaces Document dated: N/A

NFPA 704 Ratings:

Flammability:	N/A
Health:	N/A
Reactivity:	N/A
Special:	N/A



Additional Comments:
No additional information available

Key to Abbreviations and Acronyms used in this sheet [N/A = Not Available]:

EU = Europe or European
OSHA = Occupational Safety Health Administration
PEL = Permissible Exposure Limit
ACGIH = American Conference of Governmental Industrial Hygenists
CLP = Classification, Labeling and Packaging
GHS = Globally Harmonised System
NIOSH = National Institute for Occupational Safety and Health
CERCLA = Comprehensive Environmental Response Compensation and Liability Act
DSD = Dangerous Substances Directive
UK = United Kingdom
SCBA = Self Contained Breathing Apparatus
EPA = Environmental Protection Agency
STOT = Specific Target Organ Toxicity
UN = Uninet Nations
ECHA = European Chemicals Agency
NFPA = National Fire Protection Association
EC = European Community
WEL = Workplace Exposure Limit

Data Sources: N/A

Classification Methods: No additional information available

CLP Classification: No additional information available
Labeling Phrases: No additional information available
Hazard Phrases:

H315 Causes skin irritation
H319 Causes serious eye irritation
H360 May damage fertility or the unborn child

Other Information: If ingested, may cause upset stomach.
Do not store ink in high or freezing Temperatures.
Keep out of the reach of children; do not drink ink.
Dispose of in accordance with local/regional/national/international regulations as specified.

Worker Training: N/A

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