



Material Safety Data Sheet

HP363 BK

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill HP363 BK reman cartridge

Supplier: Supplies Team

Address: Sheffield Airport Business Park, Europa Link, Sheffield, S9 1 XU

Information Phone: 0114 256 6000

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No1272/2008



GHS07

Eye Irrit 2a, H319 Causes serious eye irritation

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Information concerning particular hazards for humans and environment:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for the preparations of the EU" in the latest valid version

Classification system:

The classification is according to the latest of the EU-lists, and extended by company and literature data.

Label elements

Labelling according to EU regulations:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

Observe the general safety regulations when handling chemicals.

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Name	Cas-No	Content	Classification	CLP Classification
2-Pyrrolidone	616-45-5	5-10%	Xi R36	Eye Irrit. 2A H319
2,2'-oxybisethanol	111-46-6	2.5-5%	Xn R22	Acute Tox 4, H302
Di (tetramethylammonium) (29H, 31H-phthalocyanin-N29, N30, N31, N32) disulfonamide disulfonate, cuprate(2-) complex, derivatives.	12222-04-7	2.5-5%	Xi R36	Eye Irrit 2, H319
Glycerol	56-81-5	1-2.5%		
2-(2-butoxyethoxy) ethanol	112-34-5	1-2.5%	Xi R36	Eye Irrit 2, H319
Tetrasodium ethylenediaminetetraacetate	64-02-8	<1%	Xn R22 Xi R41	Acute Tox 4, H302 Eye Dam 1, H318
1,2-benzisothiazol-3(2H)-one	2634-33-5	<0.1%	Xn R22 Xi R38-41 Xi R43 N R50	Eye Dam 1, H318 Acute Tox 4, H302 Skin Irrit 2, H315



Skin Sens 1, H31

Additional information: for the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

General information: no special measures required.

In all cases of doubt, when symptoms persists, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: no adverse effect anticipated by this route of exposure. If symptoms show up, remove to fresh air.

Skin contact: Do not use solvents and thinners. Remove contaminated clothing. Immediately wash with water and soap and rinse thoroughly.

Eye contact: rinse opened eye for several minutes under running water. Seek medical attention if irritation persists.

Swallowing: Do not induce vomiting. Call for a doctor immediately.

Information for doctor: No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing agents: water with jet.

Special hazards arising from the substance or mixture: Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

Protective equipment: mount respiratory protective device

Additional information:

Collect contaminated firefighting water separately. It must not enter the sewage system. Cool endangered receptacles with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation,

Environmental precautions: dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up: Absorb with liquid binding material (sand, diatomite, sawdust).

Avoid use of solvents.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling: no special measures required.

Information about fire-and explosion protection: no special measures required

Storage:

Requirements to be met by storerooms and containers: store in a cool location. Ideal storage temperature: 50-90°F.

Use only containers specifically designed for this product.

Information about storage in one common storage facility: store in cool, dry conditions in well sealed containers. Protect from heat and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

111-46-6 2,2-oxybisethanol

WEL long-term value: 10 mg/m³

56-81-5 glycerol

PEL long-term value: 15* 5** mg/m³



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*total dust **respirable fraction
TLV long-term value: 67.5*mg/m³
Inhalable fraction and vapour

Exposure controls

Personal protective equipment:

General protective and hygiene measures:

Wash hands before breaks and at the end of work.

The usual precautionary measures for handling chemicals should be followed.

Do not eat or drink while working

Respiratory protection: in case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device

Protection of hands: Protective gloves

Eye protection: Safety glasses recommended during refilling.

Body protection: not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance:

Form/State: Fluid

Colour: Black

Odour: Mild

Solubility in water: Miscible

pH value at 20°C: 7.9

Change in condition

Melting point/melting range: undetermined

Boiling point/boiling range: 90 °C

Flash point: >100 °C

Ignition temperature: >200 °C

Auto-igniting: not determined

Danger of explosion: product does not present an explosion hazard.

Explosion limits: Lower: not applicable - Upper: not applicable

Density at 20 °C: 1g/cm³

Viscosity at 20 °C: not determined

10. STABILITY AND REACTIVITY

Chemical stability:

Thermal decomposition/conditions to be avoided: Stable under recommended storage and handling conditions.

Possibility of hazardous reactions: no dangerous reactions known if used according to specifications.

Conditions to avoid: no further relevant information available.

Incompatible materials: strong oxidizers.

Hazardous decomposition products: in case of fire, carbon and nitrogen oxides are the main combustion gases.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

General notes:

There is no experimentally determined data available on the preparation itself. The product is not classified as hazardous through scientific evaluation of information in the literature for ingredients.

The products is considered to be an eye irritant.



12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: no further relevant information available

Persistence and degradability: no further relevant information available

Behavior in environmental systems:

Bio accumulative potential: no further relevant information available

Mobility in soil: no further relevant information available

Additional ecological information:

General notes:

At present there are no ecotoxicological assessments.

Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

Other adverse effects: no further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation: waste material must be disposed of in accordance with local regulations.

Uncleansed packaging:

Recommendations: empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Packaging that cannot be cleansed are to be disposed of in the same manner as the product.

14. TRANSPORT INFORMATION

UN- number:

ADR, ADN, IMDG, IATA: None

UN proper shipping name:

ADR, ADN, IMDG, IATA: None

Transport hazard class:

ADR, ADN, IMDG, IATA: None

Packing group:

ADR, IMDG, IATA: None

Environmental hazards

Marine pollutant: No

Special precautions for user: Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

UN "Model Regulation":

15. REGULATORY INFORMATION

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

SARA

Section 355 (Extremely hazardous substances):

None of the ingredients are listed

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed

TSCA (toxic Substances Control Act)

All components are included in the TSCA inventory and/or comply with TSCA regulations.

Chemicals known to cause cancer:



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None of the ingredients are listed.

Carcinogenic categories:

The product does not contain any carcinogenic substances according to OSHA criteria.

16. OTHER INFORMATION

Relevant Phrases

H301 Toxic if swallowed

H302 Harmful if swallowed

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

R22 Harmful if swallowed

R36 Irritating to eyes

R38 Irritating to skin

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact

R50 Very toxic to aquatic organisms

The information contained in this safety data sheet is provided in accordance with the requirements of the regulations. The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should be treated in such a way so as no ink spills into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the end user to comply with all applicable laws and regulations.

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