
Section 1: Identification

1.1 Product Identifier

Product Name : Pen Refills – Black

Fellowes Item Number : 09115

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the substance/mixture : Ball pen ink.

1.3 Details of the Supplier of the Safety Data Sheet

Company : Fellowes UK

Address : Unit 2, Ontario Drive
New Rossington
Doncaster
DN11 0BF
UK

Telephone : +44 (0) 1302 836800

Fax : +44 (0) 1302 836899

Website : fellowes.com

SECTION 2: Hazard(s) Identification

2.1 Classification of the Substance or Mixture**2.1.1 Classification According to Regulation (EC) No. 1272/2008 and Its Amendments**

GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

2.1.2 Classification According to Directives 67/548/EEC, 1999/45/EC and Their Amendments

Xn; Harmful

R22: Harmful if swallowed



Xi; Irritant

R41:

R41: Risk of serious damage to eyes.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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2.1.3 Information Concerning Particular Hazards For Human And Environment

The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparation of the EU” in the latest valid version.

2.1.4 Classification System

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

2.2 Label Elements

Labelling according to Regulation (EC) No. 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard Pictograms



GHS05

GHS07

Signal Word : Danger

Hazard-determining component of labeling : 2-Phenoxyethanol, C.I. Solvent Black 46, Benzyl alcohol

Hazard Statements : H302 – Harmful if swallowed.
H318 – Causes serious eye damage.

Precautionary Statements : P101 – If medical advice is needed, have product container or label at hand.
P102 – Keep out of the reach of children.
P103 – Read label before use.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P264 – Wash hands thoroughly after handling.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 – Immediately call a POISON CENTER or doctor/physician.
P301+P312 – IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P501 – Dispose of contents/container in accordance with local/national/international regulations.

2.3 Other Hazards

Results of PBT and vPvB assessment: Not applicable.

-PBT: Not applicable

-vPvB: Not applicable



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SECTION 3: Composition / Information On Ingredients

3.1 Mixtures

-Chemical characterization: Mixtures

Mixture of the following substances, containing non-hazardous substances and coloring agents.

-Description:

Mixture of substances listed below with non-hazardous additions.

-Dangerous Components:		
CAS: 122-99-6 EINECS: 204-589-7	2-Phenoxyethanol Xn R22; Xi R36	25 - 50%
	Acute Tox. 4, H302; Eye Irrit. 2, H319	
CAS: 65113-55-5 EINECS: 265-449-9	C.I. Solvent Black 46 Xn R22; Xi R41	10 – 25%
	Eye Dam. 1, H318; Acute Tox. 4, H302	
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol Xn R20/22	10 – 25%
	Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	

-Additional information: For the wording of the listed risk phrases refer to Section 16.

SECTION 4: First-Aid Measures

4.1 Description of First Aid Measures

General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Inhalation	: Supply fresh air; consult doctor in case of complaints.
Skin contact	: Generally the product does not irritate the skin.
Eye contact	: Rinse open eye for several minutes under running water. if symptoms persist, consult doctor.
Ingestion	: Never give anything through mouth to an unconscious person. Get medical attention immediately.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No further relevant information available.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

No further relevant information available.



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SECTION 5: Fire-Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media:

-Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special Hazards Arising From The Substance Or Mixture

No further relevant information available.

5.3 Advice For Firefighters

Protective equipment:

-No special measures required.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective clothing.

6.2 Environmental Precautions

Do not allow product to reach sewerage system or any water course.

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

Do not allow to enter sewers / surface or ground water.

6.3 Methods and Materials for Containment and Clean Up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to Section 13.

Ensure adequate ventilation.

6.4 Reference to Other Sections

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Precautions for safe handling:

-Ensure good ventilation/exhaustion at the workplace.

-Prevent formation of aerosols.

Information about fire – and explosion protection:

-No special measures required.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Requirements to be met by storerooms and receptacles:

-No special requirements.

Information about storage in one common storage facility:

-Not required.

Further information about storage conditions:

-Keep container tightly sealed.

7.3 Special End Use(s)

No further relevant information available.

SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

Information about design of technical facilities:

-No further data; see Section 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

-The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure Controls

Personal Protective Equipment:

General protective and hygienic measures:

- Keep away from foodstuff, beverages and feed.
- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work.
- Avoid contact with the eyes.
- Avoid contact with the eyes and skin.

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



The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rate of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has

therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye / face protection:

-Tightly sealed goggles.



SECTION 9: Physical and Chemical Properties

9.1 Information On Basic Physical and Chemical Properties

Appearance:

Form	: Fluid
Color	: According to product specification
Odor	: Product specific
pH-value	: Not determined
Melting point/Melting range	: Not determined
Boiling point/Boiling range	: 205°C
Flash point	: 101°C
Flammability (Solid, Gaseous)	: Not applicable
Ignition temperature	: 435°C
Decomposition temperature	: Not determined
Self-ignition	: Product is not self-igniting
Danger of explosion	: Not determined
Explosion limits (Lower)	: 1.3 Vol %
Explosion limits (Upper)	: 13.0 Vol %
Vapor pressure at 20°	: Not determined
Density	: Not determined
Relative density	: Not determined
Vapor density	: Not determined
Evaporation rate	: Not determined
Solubility in/Miscibility with water	: Not miscible or difficult to mix



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Partition coefficient (n-octanol/water)	: Not determined
Viscosity (Dynamic)	: Not determined
Viscosity (Kinematic)	: Not determined
Organic solvents	: 33.2%
Solids content	: 59.3%

9.2 Other Information

No further relevant information available.

SECTION 10: Stability and Reactivity

10.1 Reactivity

10.2 Chemical Stability

Thermal decomposition/conditions to be avoided:
-No decomposition if used according to specifications.

10.3 Possibility of Hazardous Reactions

No dangerous reactions known.

10.4 Conditions To Avoid

No further relevant information available.

10.5 Incompatible Materials

No further relevant information available.

10.6 Hazardous Decomposition Products

No dangerous decomposition products known.



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SECTION 11: Toxicological Information

11.1 Information On Toxicological Effects

Acute toxicity:

LD/LC50 values relevant for classification:

122-99-6 2-Phenoxyethanol

Oral	LD50	2740 mg/kg (rat)
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Primary irritant effect:

On the Skin: No irritant effect.

On the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

-The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

SECTION 12: Ecological Information

12.1 Toxicity

12.2 Aquatic Toxicity

No further relevant information available.

12.3 Persistence and Degradability

No further relevant information available.

12.4 Bioaccumulative Potential

No further relevant information available.

12.5 Mobility In Soil

No further relevant information available.

12.6 Ecotoxicological Effects

Remark: Harmful to fish

12.7 Results of PBT and vPvB Assessment

PBT: Not applicable

vPvB: Not applicable

12.8 Additional Ecological Information

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms.



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SECTION 15: Regulatory Information

15.1 Safety, Health and Environmental Regulation/Legislation Specific For The Substance Or Mixture

National Regulations:

Technical instructions (air):

Class	Share in %
NK	25-50

Water hazard class: water hazard class 1 (self-assessment): slightly hazardous for water.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other Information

Relevant phrases:

- R20/22 Harmful by inhalation and if swallowed.
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R41 Risk of serious damage to eyes.

- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Further Information

The information contained in the Safety Data Sheet is believed to be correct and used as a guide.