



Material Safety Data Sheet

Epson T089440 Yellow

Revision 1.0
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill Epson T089440 YL 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 2 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

Mixture of substances listed below with nonhazardous additions:

| Name | Cas-No | Content | Classification | CLP Classification |
|-----------------|----------|---------|---|---|
| Glycerol | 56-81-5 | <5% | substance with a workplace exposure limit | |
| Butan-1-ol | 71-36-3 | <5% | Xn R22 R10-67 Xi R37/38-41 | Eye Dam 1, H318 Acute Tox 4, H302 Skin Irrit 2, H315 STOT SE 3, H335-H336 Flam Liq 3, H226 Acute Tox 4, H302 |
| Butane-1,4-diol | 110-63-4 | <5% | Xn R22 | |

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



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4. FIRST AID MEASURES

Description of first aid measures

General information: no special measures required

Inhalation: supply fresh air; if symptoms persist, consult a doctor.

Skin contact: Generally the product does not irritate the skin.

Eye contact: flush eyes thoroughly with water for 15 minutes.

Swallowing: if symptoms persist consult a doctor.

Information for doctor: no further relevant information available

Indication of any immediate medical attention and special treatment needed: no further relevant information available.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents:

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

Special hazards arising from the substance or mixture: no further relevant information available

Advice for firefighters: no special measures required

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: not required.

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

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

Send for recovery or disposal in suitable containers.

Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Handling:

Precautions for safe handling: no special precautions are necessary if used correctly.

Information about protection against explosions and fires: no special measures required.

Storage:

Requirements to be met by storerooms and containers:

Use only containers specifically designed for this product.

Further information about storage conditions:

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:

56-81-5 glycerol

WEL Long-term value: 10mg/m³

71-36-3 butan-1-ol

WEL Long term value: 154mg/m³, 50ppm

Skin

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

Exposure controls

Personal protective equipment:



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General protective and hygiene measures:

The usual precautionary measures for handling chemicals should be followed.

Respiratory equipment: Not required

Protection of hands: Protective gloves

Eye protection: Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance:

Form/State: Fluid

Colour: Magenta

Odour: Characteristic

Solubility in water: Miscible

pH value at 20°C: 9

Change in condition

Melting point/melting range: undetermined

Boiling point/boiling range: undetermined

Flash point: not applicable

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

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

Density at 20 °C: 1.03g/cm³

Viscosity at 20 °C: 3mm²/s

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: no further relevant information available.

Hazardous decomposition products: no dangerous decompositions products known..

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Primary irritating effect:

On the skin: no irritating effect

On the eye: irritating effect

Sensitisation: sensitisation effects known

General notes:

The product is not subject to classification according to the calculation method of the General EU

Classification guidelines for Preparations as issued in the latest version. When used and handled according to recommended storage and handling conditions, the product does not have any harmful effects via the information provided to us.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: no further relevant information available

Persistence and degradability: no further relevant information available



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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:

Water hazard class 1: slightly hazardous for water.

Do not allow undiluted product or large quantities 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:

None of the ingredients are listed.

16. OTHER INFORMATION

Relevant Phrases:

H226 Flammable liquid and vapour

H302 Harmful if swallowed

H315 Causes skin irritation



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H318 Causes serious eye damage
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness.

R10 Flammable
R22 Harmful if swallowed
R37/38 Irritating to respiratory system and skin
R41 Risk of serious damage to eyes.
R67 Vapours may cause drowsiness and dizziness

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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