

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill Epson T163440XL YL reman cartridge

Distributed by: Office Depot Europe B.V., the Netherlands

Supplier: Environmental Business Products Ltd.

Address: 26 Chase Road, Park Royal, London, NW10 6BB

Information: [stephanie.lawes@ebpgroup.com](mailto:stephanie.lawes@ebpgroup.com) 44 (0) 20 8838 6888

## 2. HAZARDS IDENTIFICATION



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC  
Not applicable

Information concerning particular hazards for human and environment: No hazards to be particularly mentioned.

The product is considered an eye irritant per OSHA

Classification system: the classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

Label elements

Labelling according to EU guidelines:

The product has not been classified and marked in accordance with respective national laws.

The product is considered to be an eye irritant.

The product has been classified and marked in accordance with national laws.

Special labelling of certain preparations:

Safety data sheet available on request

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients:

Glycerol	56-81-5	10-25%		
2-pyrrolidone	616-45-5	5-10%	XI R36	Eye Irrit 2A, H319
2-[2-(2-butoxyethoxy)	143-22-6	1-2.5%	Xi R41	Eye Dam 1, H318

The full text for all R-phrases are displayed in Section 16

## 4. FIRST AID MEASURES

General information: no special measures required. In all cases of doubt, when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

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

Eye contact: flush eyes thoroughly with water for 15 minutes. Seek medical attention if irritation persists.  
Ingestion: keep at rest. Do not induce vomiting. Immediately call for medical help.  
Inhalation: no adverse effect anticipated by this route of exposure. If symptoms show up, remove to fresh air.

## 5. FIRE FIGHTING MEASURES

Extinguishing media: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Unsuitable extinguishing agents: water with full 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: cool endangered receptacles with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation.  
Environmental precautions: Do not allow to enter sewers/surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.  
Clean-up procedures: 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. Avoid use of solvents.

## 7. HANDLING AND STORAGE

Precautions for safe handling: no special measures required.  
Information about protection against explosions and fires: no special measures required.  
Conditions for safe storage, including any incompatibilities  
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.  
Further information about storage conditions:  
Store in a cool, dry conditions in well-sealed containers.  
Protect from heat and direct sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace:  
56-81-5 Glycerol  
PEL Long-term value: 15\*5\*\*mg/m<sup>3</sup>  
\*total dust\*\*respirable fraction  
TLV- TLV withdraw-insufficient data human occup.exp.  
Exposure controls  
Personal protective equipment:  
General protective and hygiene measures:  
The usual precautionary measures for handling chemicals should be followed.  
Wash hands before breaks and at the end of work.  
Do not eat or drink while working.  
Breathing equipment: not required.  
Protection of hands: Protective gloves  
Eye protection: safety glasses  
Body protection: protective work clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

## General information

Appearance:

Form/State: Fluid

Colour: Yellow

Odour: Mild

Solubility in water: Miscible

pH value at 20°C: 8.3

Change in condition

Melting point/melting range: undetermined

Boiling point/boiling range: &gt; 100 °C

Flash point: &gt; 100 °C

Ignition temperature: &gt; 200 °C

Self-igniting: product is not self-igniting

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

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

Vapor pressure at 20 °C: 23 hPa (17 mm Hg)

Density at 20 °C (68 °F): 1 g/cm<sup>3</sup>

Viscosity at 20 °C: 3 mPas

**10. STABILITY AND REACTIVITY**

Reactivity

Chemical stability:

Thermal decomposition/conditions to be avoided: stables 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 preparations itself. The product is not classified as hazardous through scientific evaluation of information in the literature for ingredients. The product is considered to be an eye irritant. The product is considered to be an eye and skin irritant and harmful by ingestion.

**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 the 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:

Recommendation: 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:

DOT, ADR, ADN, IMDG, IATA: None

UN proper shipping name:

DOT, ADR, ADN, IMDG, IATA: None

Transport hazard class:

DOT, ADR, ADN, IMDG, IATA: None

Packing group:

DOT, 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

Transport/additional information: not dangerous according to the above specifications.

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

Chemicals known to cause cancer:

None of the ingredients are listed

#### 16. OTHER INFORMATION

Risk phrases in full

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

R36 Irritating to eyes

R41: Risk of damage to eyes

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. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

Material Safety Data Sheet  
Epson T163440xl YL