

# SAFETY DATA SHEET

## INK REMOVER

### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

<b>Product Name</b>	Ink Remover
<b>Manufacturer</b>	Cerium Optical Products Cerium Technology Park Appledore Road Tenterden TN30 7DE Kent United Kingdom Phone +44 (0) 1580 765211 Fax +44 (0) 1580 765573 e-mail salesteam@ceriumoptical.com

### 2. HAZARD IDENTIFICATION

Not classified as hazardous according to EC criteria or CLP regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Components</b>	Contains no substances classified as hazardous
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### 4. FIRST AID MEASURES

<b>Skin Contact</b>	Wash with soap and water, if any symptoms persist seek medical assistance
<b>Eye Contact</b>	Rinse opened eye for several minutes under running water, if symptoms persist seek medical assistance
<b>Inhalation</b>	Remove patient to fresh air, if symptoms persist seek medical attention
<b>Ingestion</b>	Do not induce vomiting, call for medical assistance

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	All extinguishing agents can be used depending upon surrounding conditions except for strong water jets.
<b>Special protective equipment for fire-fighters</b>	Normal protective clothing and respiratory equipment.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Rubber gloves, eye/face protection and other protective clothing as deemed necessary due to circumstances.
<b>Environmental Precautions</b>	Do not allow product to enter sewers/surface or ground water
<b>Methods for cleaning up</b>	Absorb onto suitable liquid binding media and place in suitable sealed container.

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### 7. HANDLING AND STORAGE

<b>Handling</b>	Use in a well-ventilated area.
<b>Storage</b>	No specific requirements.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits</b>	No parameters assigned.
<b>Engineering measures to reduce exposure</b>	Ensure adequate ventilation of working area.
<b>Occupational Exposure Controls</b>	LEV system is recommended especially when material is used at elevated temperatures. Keep away from food and drink.
<b>Respiratory protection</b>	Do not breathe vapour
<b>Hand protection</b>	Suitable protective solvent resistant gloves
<b>Skin and body protection</b>	Wear suitable clothing to avoid skin contact by splashing etc.
<b>Eye protection</b>	Wear safety glasses/goggles

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	A clear almost colourless liquid
<b>Odour</b>	Mild, characteristic
<b>Boiling Point</b>	~200°C
<b>Specific Gravity (Water=1)</b>	0.99 gcm <sup>-3</sup>
<b>Water solubility</b>	Miscible in all proportions
<b>pH</b>	N/A
<b>Flash Point</b>	>100°C
<b>Auto-ignition temperature</b>	190°C
<b>Vapour pressure</b>	<0.01 kPa @20°C

### 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions of use
<b>Polymerisation</b>	Will not occur
<b>Conditions to avoid</b>	None
<b>Materials to avoid</b>	Strong alkali, acids and oxidising agents
<b>Hazardous decomposition products</b>	Aldehyde, oxides of carbon

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Oral LD50 >2000 mg/kg (rat) >3000 mg/kg (rabbit)  Dermal LD50 >8000 mg/kg (rabbit)
<b>Primary Irritant effect</b>	
- on skin	Non irritant
- on eyes	Non irritant
<b>Additional information</b>	Under normal conditions of use no harmful effects have been reported.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Toxicity</b>	EC50 (48 u) 4000 mg/l (daphnia magna)  LC50 >21000mg/l (Lepomis macrochirus)
<b>Persistence and Degradability</b>	Degree of elimination OECD 301 E 90% OECD 302B >90%
<b>Bioaccumulative potential</b>	Not worth mentioning accumulation in organisms

## 13. DISPOSAL CONSIDERATIONS

<b>General Information</b>	Dispose in accordance with local and national regulations. Containers must not be treated as household waste.
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## 14. TRANSPORT INFORMATION

<b>General Information</b>	Not classified as hazardous for transportation
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## 15. REGULATORY INFORMATION

<b>Labelling</b>	
<b>R-Phrase(s)</b>	Not required
<b>S-Phrase(s)</b>	Not required

## 16. OTHER INFORMATION

<b>Text of R phrases mentioned in Section 2</b>	None
<b>Further information</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.