

Material Safety Data Sheet

According to 2001/58/EC, reviewed on 22.08.2006



Leica CV Ultra

1 - Identification of substance:

- **Product details:**
- **Trade name:** Leica CV Ultra
- **Article number:** 070936261 (100 ml) and 070937891 (250 ml)
- **Supplier:**
Leica Microsystems Nussloch GmbH
Heidelberger Straße 17-19
69226 Nussloch
Germany
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- **Informing department:** Leica Microsystems Sales Office Tel.: (+49) (0)6224 - 143 0

2 - Composition/Data on components:

- **Chemical characterization**
- **Description:**
Mixture of the substances listed below with harmless additions.
- **Dangerous components:**

CAS: 90622-57-4 EINECS: 292-459-0	Hydrocarbons	 Xn; R 65	50-100%
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3 - Hazards identification:

- **Hazard designation:**
void
 Xn Harmful
- **Information pertaining to particular dangers for man and environment**
void
R 65 Harmful: may cause lung damage if swallowed.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 - First aid measures:

- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Rinse out mouth.
Seek medical treatment.

5 - Fire fighting measures:

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:**
Wear self-contained breathing apparatus.

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6 - Accidental release measures:

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous materials are released.

7 - Handling and storage:

- **Handling**
- **Information for safe handling:** No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** no special requirements
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** None.

8 - Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical 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 that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Breathing protection recommended.
- **Protection of hands:** Protective gloves.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

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9 - Physical and chemical properties:

• General Information Form: Colour: Smell:	Fluid Colourless Characteristic
• Change in condition Melting point/Melting range: Boiling point/Boiling range: • Flash point: • Self-inflammability: • Danger of explosion: • Critical values for explosion: Lower: Upper:	-10°C Not determined 63°C Product is not selfigniting. Product is not explosive. 0.6 Vol % 7.0 Vol %
• Steam pressure at 20°C: • Density • Solubility in / Miscibility with Water:	0.7 hPa 1.02 @ 25°C Unsoluble
• Solvent content: Organic solvents:	75.0 %

10 - Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** Heat,boiling teperatures.
- **Materials to be avoided:**
- **Dangerous reactions:** No dangerous reactions known
- **Dangerous products of composition:** No dangerous decomposition products known

11 - Toxicological information

- **Acute toxicity:**

• Acute toxicity:		
• LD/LC50 values that are relevant for classification:		
90622-57-4 Hydrocarbons		
Oral	LD50	> 10000 mg/kg (rat)
Dermal	LD50	> 3000 mg/kg (kon)

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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** redness
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 - Ecological information:

- **General notes:** Not known to be hazardous to water.

13 - Disposal considerations:

- **Product:**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 - Transport information:

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** not regulated
- **Maritime transport IMDG/GGVSea:**
- **Marine pollutant:** No

15 - Regulatory information:

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Code letter and hazard designation of product:**
Xn Harmful
- **Hazard-determining components of labelling:**
Hydrocarbons

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15 - Regulatory information:

- **Risk phrases:**

65 Harmful: may cause lung damage if swallowed.

- **Safety phrases:**

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

36 Wear suitable protective clothing.

60 This material and its container must be disposed of as hazardous waste.

62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

- **Special designation of certain preparations:**

Contains isobutyl methacrylate. May produce an allergic reaction.

- **National regulations**

Class	Share in %
NK	75.0

16 - Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R phrases**

65 Harmful: may cause lung damage if swallowed.

- **Department issuing data specification sheet:** Quality Assurance Department

- **Contact:** Leica Microsystems Nussloch GmbH, Tel. (+49) 6224 - 143 0

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