

# OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

**Regd Office:** Unit no 12, 1st Floor,  
Neminath Industrial Estate No.6,  
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## MATERIAL SAFETY DATA SHEET

# HYDROXYETHYL CELLULOSE (High Viscosity) (270m Pas)

MSDS CAS: 9004-62-0

### Section 1: Chemical Product and Company Identification

#### Section 1: Chemical Product

**Product Name:** Hydroxyethyl-cellulose

**CAS#:** 9004-62-0

**Synonym:**

**Chemical Name:** Not available.

**Chemical Formula:**

**Molecular Weight:** Not available

**Brand:** OXFORD

#### Details Of The Supplier Of The Safety Data Sheet:

**Company identification:** OXFORD LAB FINE CHEM LLP  
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,  
Navghar, Vasai (East). Palghar - 401 210.  
Mumbai, Maharashtra, INDIA.  
Tel: 91-250-2390989  
Tel/Fax: 91-250-2390032

### Section 2: Composition and Information on Ingredients

#### Composition:

Name	CAS #	% by Weight
Hydroxyethyl-cellulose	9004-62-0	100

**Toxicological Data on Ingredients:** Not available.

## Section 3: Hazards Identification

### **Classification of the substance or mixture**

**Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.**

**This substance is not classified as dangerous according to Directive 67/548/EEC.**

### **Label elements**

**Caution - substance not yet tested completely.**

**Other hazards - none**

## Section 4: First Aid Measures

### **Description of first aid measures**

#### **If inhaled:**

**If breathed in, move person into fresh air. If not breathing, give artificial respiration.**

#### **In case of skin contact:**

**Wash off with soap and plenty of water.**

#### **In case of eye contact:**

**Flush eyes with water as a precaution.**

#### **If swallowed:**

**Never give anything by mouth to an unconscious person. Rinse mouth with water**

#### **Most important symptoms and effects, both acute and delayed:**

#### **Indication of any immediate medical attention and special treatment needed:**

**No data available.**

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## Section 5: Fire and Explosion Data

### Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special hazards arising from the substance or mixture

Carbon oxides

#### Advice for firefighters

Wear self- contained breathing apparatus for fire-fighting if necessary.

#### Further information

No data available

## Section 6: Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures:

Avoid dust formation. Avoid breathing vapors, mist or gas.

#### Environmental precautions:

Do not let product enter drains.

#### Methods and materials for containment and cleaning up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### Reference to other sections:

For disposal see section 13

## Section 7: Handling and Storage

### Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### Specific end uses

No data available

## Section 8: Exposure Controls/Personal Protection

### Control parameters

### Components with workplace control parameters

### Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Immersion protection

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: > 480 min

Material tested: Dermatril® (Aldrich Z677272, Size M)

Splash protection

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: > 30 min Material tested: Dermatril® (Aldrich Z677272, Size M)

## Section 8: Exposure Controls/Personal Protection (continued)

Data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 873000, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance Form: powder

Colour: beige

b) Odour no data available

c) Odour Threshold no data available

d) pH no data available

e) Melting point/freezing point: no data available

f) Initial boiling point and boiling range: no data available

g) Flash point no data available

h) Evaporation rate no data available

i) Flammability (solid, gas) no data available

j) Upper/lower flammability or explosive limits : no data available

k) Vapour pressure no data available

l) Vapour density no data available

m) Relative density no data available

n) Water solubility no data available

o) Partition coefficient: noctanol/ water: no data available

## Section 9: Physical and Chemical Properties (continued)

- p) Auto ignition temperature: no data available
- q) Decomposition temperature: no data available
- r) Viscosity: no data available
- s) Explosive properties: no data available
- t) Oxidizing properties: no data available

### Other safety information:

No data available

## Section 10: Stability and Reactivity Data

### Reactivity

No data available

### Chemical stability

No data available

### Possibility of hazardous reactions

No data available

### Conditions to avoid

No data available

### Incompatible materials

Strong oxidizing agents

### Hazardous decomposition products

Other decomposition products - no data available

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**Oxford**  
Range of  
Laboratory Chemicals

## Section 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

#### Respiratory or skin sensitization

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

**IARC: No component of this product present at levels greater than or equal to 0.1% is identified as Probable, possible or confirmed human carcinogen by IARC.**

#### Reproductive toxicity

No data available

#### Specific target organ toxicity - single exposure

No data available

#### Specific target organ toxicity - repeated exposure

No data available

#### Aspiration hazard

No data available

#### Potential health effects

**Inhalation May be harmful if inhaled. May cause respiratory tract irritation.**

**Ingestion May be harmful if swallowed.**

**Skin May be harmful if absorbed through skin. May cause skin irritation.**

**Eyes May cause eye irritation.**

#### Additional Information

**RTECS: Not available**

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## Section 12: Ecological Information

### Toxicity

No data available

### Persistence and degradability

No data available

### Bio accumulative potential

No data available

### Mobility in soil

No data available

### Results of PBT and vPvB assessment

No data available

### Other adverse effects

No data available

## Section 13: Disposal Considerations

### Waste treatment methods

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

## Section 14: Transport Information

### Land transport (ADR-RID)

General information : Not regulated.

### Sea transport (IMDG) [English only]

General information : Not regulated.



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## Section 14: Transport Information (continued)

### Air transport (ICAO-IATA) [English only]

General information : Not regulated.

## Section 15: Other Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
no data available

Chemical Safety Assessment  
no data available

## Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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