

O63720 Ethylcellulose ET 200

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1. Identification of the Substance/Mixture and of the Company/Undertaking**1.1. Product Identifier***Product Name:* Ethylcellulose ET 200*Article No.:* O63720*UFI:* --**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:*
Industrial chemical*Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Interlabshop BV*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands*Tel./Fax.:**Internet:* +31(0)55-5215016*E-Mail:* www.labshop.nl*Importer:* labshop@labshop.nl**1.4. Emergency No.***Emergency No.:* 112 (24 hours a day)**1.4.2 Poison Center:**

2. Hazards Identification**2.1. Classification of the Substance or Mixture***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Possible Environmental Effects:***2.2. Label Elements***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Hazard designation:**Not applicable.**Signal word:**Hazard designation:**Safety designation:**Dust/air mixtures must be kept away from ignition sources.**Hazardous components for labelling:***2.3. Other Hazards**

Composition/Information on Ingredients

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3.1. Substance

3.2. Mixture

Chemical Characterization: Organic

Information on Components / Hazardous Ingredients:

Additional information:

Exempted from the mandatory REACH Registration.

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.

In case of unconsciousness place patient stable in side position for transportation.

After skin contact:

*Remove contaminated clothing and shoes immediately.
Wash off with plenty of water.*

After eye contact:

*Remove contact lens.
Protect unharmed eye.*

After ingestion:

*Never give anything by mouth to an unconscious person.
Do not give milk or alcohol to drink.
If symptoms persist consult physician.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

None known.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No special first-aid measures necessary.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

*Use extinguishing media for surrounding fire.
Foam, water mist.*

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

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*Product may cause an explosive mixture of organic dust and air.
In case of fire: formation of carbon monoxide and dioxide.*

5.3. Advice for Firefighters

Protective equipment:

*Wear self-contained respiratory protective device.
Wear suitable protective clothing.*

Further information:

Avoid contamination of sewage system, open water ways and ground water.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

*Wear protective clothing.
Avoid inhalation of dust.
Floor may be slippery; use care to avoid falling.
Keep unprotected persons out of danger zone.*

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

*Take up mechanically and collect in suitable labelled containers for disposal.
Avoid dust formation.*

6.4. Reference to other Sections

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

*Avoid formation of dust. Do not inhale dust.
Wear adequate protective clothing (see para. 8).*

Hygienic measures:

Do not eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and well ventilated location.

Requirements for storage areas and containers:

*Store the product in the original container.
Electrical installation/working materials must comply with the technological safety standards.*

Information on fire and explosion protection:

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Ground and bond containers when transferring material.

Avoid dust formation.

Keep away from sources of ignition - do not smoke.

Take measures to prevent electrostatic discharge.

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection**8.1. Parameters to be Controlled**

Parameters to be controlled (DE):

Does not contain any components with workplace limit values.

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Ensure adequate ventilation, especially in confined areas.

Facilities storing or utilizing this material should be equipped with an eyewash facility.

Personal Protection

General protective measures:

Do not inhale dust.

Wash hands before breaks and after work.

Respiratory protection:

Dust mask (with particle filter) recommended when very dusty.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Butyl rubber (> 480 min; 0.5 mm).

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing (EN 13688)

Safety shoes (EN-ISO 20345)

Environmental precautions:

Do not allow entering sewerage system.

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9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>powder</i>
<i>Color:</i>	<i>whitish</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not determined</i>
<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>not available</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not available</i>
<i>Upper explosion limit:</i>	<i>not determined</i>
<i>Lower explosion limit:</i>	<i>20 g/m³</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>not available</i>
<i>Solubility in water:</i>	<i>practically insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>380°C</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>not applicable</i>

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Oxidizing properties:

no information available

Bulk density:

380 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

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Solvent content:

Solid content:

Particle size:

Other information:

Dust explosion value (Kst): < 200 m.b./s

Minimal ignition energy: > 3 mJ

Self-ignition: 130°C

10. Stability and Reactivity

10.1. Reactivity

No decomposition if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Dust can form explosive mixtures with air.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid direct sunlight.

Ultraviolet light

Avoid sources of heat, open fire, sparks and other ignition sources.

Thermal decomposition:

10.5. Incompatible Materials

Acids and bases

Oxidizing agents.

10.6. Hazardous Decomposition Products

Carbon monoxide and dioxide.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

No information available.

LD50, dermal:

No information available.

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LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Dust may cause irritation.

Irritant effect on eyes:

Product dust may cause irritation.

Inhalation:

Dust can cause irritation of the respiratory system.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No information available.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

On the basis of available data, the product does not contain any PBT or vPvB substances in percentage greater than 0.1 %.

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12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

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not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

14. 8. Further Information

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water (German Regulation)

Local regulations on chemical accidents:

Seveso III Directive: not applicable under Directive 2012/18/EC.

Employment restrictions:

Restriction and prohibition of application:

EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable

Technical instructions on air quality:

Not applicable.

15. 2. Chemical Safety Assessment

Exempted from the mandatory REACH Registration since this product is a polymer.

15. 3. Further Information

Listed in the following inventories:

EINECS (EU), TSCA (US), AICS (AUS), DSL (CA), PICCS (PH), ENCS/ISHL (JP), KECI (KR), IECSC (CN), NZIoC (NZ), TSCI (TW)

EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable

Regulation (EC) 850/2004 - Persistent organic pollutants and amending Directive 79/117/EEC: not regulated / not applicable

Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable

Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.