

LEADCELL MH

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Methyl hydroxyethyl cellulose

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Raw material for the construction and pharmaceutical industry.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP):

This substance is classified as not hazardous.

Classification according to directive 67/548/EEC:

This substance is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements not applicable

Safety precautions not applicable

Labelling (67/548/EEC or 1999/45/EC)

R phrase(s) not applicable

S phrase(s) not applicable

2.3 Other hazards

No risks worthy of mention

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization (substance):

Cellulose: >=99%

CAS-Number 9032-42-2

EC-number -

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Move victim to fresh air. If you feel unwell, seek medical advice.

In case of skin contact: Remove residues with soap and water. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

In case of eye irritation consult an ophthalmologist.

After swallowing: Rinse mouth and drink large quantities of water. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

After contact with skin: May cause irritations

After eye contact: May cause irritations

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water fog, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High power water jet

5.2 Special hazards arising from the substance or mixture

Combustible. In case of fire maybe liberated: carbon monoxide and carbon dioxide.

5.3 Advice for fire fighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus. Wear suitable protective clothing.

Additional information: Hazchem-Code: -

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Do not breathe dust.

Provide adequate ventilation. Wear personal protection equipment.

6.2 Environmental precautions

Do not allow to penetrate into soil, water bodies or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal
Special danger of slipping by leaking/spilling product

6.4 Reference to other sections

Refer additionally to chapter 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Avoid generation of dust. In case of dust: Provide adequate ventilation, and local exhaust as needed.

Precautions against fire and explosion:

Keep away from open flames, hot surfaces and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store container tightly closed in a dry area

Storage temperature: 5-35 °C

Storage class: 11Combustiblesolids

7.3 Specific end use(s)

Raw material for the chemical and pharmaceutical industry.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

In the case of the formation of dust: Dust should be exhausted directly at the point of origin.

Occupational exposure controls

Respiratory protection: In case of dust: Particulates filter P2 according to EN 143.

Hand protection: Protective gloves according to EN 374.

Glove material: Nitrile rubber

Layer thickness: 0,11 mm.

Breakthrough time: >480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin and eyes. Change contaminated clothing.

Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid, Powder
Colour:	whitish
Odour:	Odorless
Water solubility:	Completely soluble
9.2 Other information	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Refer to 10.3

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Heating. Decomposition takes place from temperatures above: 130 °C

10.5 Incompatible materials

Oxidizing agents, strong acids, strong bases.

10.6 Hazardous decomposition products

In case of fire maybe liberated: carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD50Rat, oral: >10000mg/kg

LD50Rat, intraperitoneal: 5200mg/kg

Toxicological effects:

Acute toxicity (oral): Lack of data

Acute toxicity (dermal): Lack of data

Acute toxicity (inhalative): Lack of data

Skin corrosion/irritation: Lack of data

Eye damage/irritation: Lack of data

Sensitisation to the respiratory tract: Lack of data

Skin sensitisation: Lack of data

Germ cell mutagenicity/Genotoxicity: Lack of data

Carcinogenicity: Lack of data

Reproductive toxicity: Lack of data

Effects on or via lactation: Lack of data

Specific target organ toxicity (single exposure): Lack of data
Specific target organ toxicity (repeated exposure): Lack of data
Aspiration hazard: Lack of data

Other information: Further hazardous properties cannot be excluded

Symptoms

After contact with skin: May cause irritations.
After eye contact: May cause irritations.

SECTION 12: Ecological information

12.1 Toxicity

Water Hazard Class: 1 = slightly hazardous to water (WGK catalog number 5294)

12.2 Persistence and degradability

Further details: No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 200399 = Municipal wastes not otherwise specified

Recommendation: Dispose of waste according to applicable legislation

Contaminated packaging

Recommendation:

Dispose of waste according to applicable legislation. Non-contaminated packages maybe recycled.

SECTION 14: Transport information

14.1 UN number

Not applicable

14.2 UN proper shipping name

ADR/RID,IMDG,IATA: Not restricted

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Marine pollutant – IMDG: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

National regulations – Great Britain

Hazchem- Code:

National regulations - USA

TSCA Inventory: listed; EPA flags XU

TSCA HPVC: not listed

Hazard rating systems



NFPA Hazard Rating:

Health: 0 (Minimal)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 0 (Minimal)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Group that issues data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.