

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 06/20/2017

Version 1.2

## SECTION 1. Identification

### Product identifier

|                |                                                                                 |
|----------------|---------------------------------------------------------------------------------|
| Product number | MX0486                                                                          |
| Product name   | Methanol LC-MS Grade For Liquid Chromatography-<br/>Mass Spectrometry OmniSolv® |
| Synonyms       | MeOH                                                                            |
| CAS-No.        | 67-56-1                                                                         |

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

|                 |                      |
|-----------------|----------------------|
| Identified uses | Reagent for analysis |
|-----------------|----------------------|

### Details of the supplier of the safety data sheet

|         |                                                                                                                                                                                                                                                                 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Company | EMD Millipore Corporation   290 Concord Road, Billerica, MA 01821, United States of America   General Inquiries: +1-978-715-4321   Monday to Friday, 9:00 AM to 4:00 PM Eastern Time (GMT-5)<br>MilliporeSigma is a business of Merck KGaA, Darmstadt, Germany. |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| Emergency telephone | 800-424-9300 CHEMTREC (USA)<br>+1-703-527-3887 CHEMTREC (International)<br>24 Hours/day; 7 Days/week |
|---------------------|------------------------------------------------------------------------------------------------------|

## SECTION 2. Hazards identification

### GHS Classification

Flammable liquid, Category 2, H225  
Acute toxicity, Category 3, Oral, H301  
Acute toxicity, Category 3, Inhalation, H331  
Acute toxicity, Category 3, Dermal, H311  
Specific target organ systemic toxicity - single exposure, Category 1, Eyes, H370  
For the full text of the H-Statements mentioned in this Section, see Section 16.

### GHS-Labeling

*Hazard pictograms*



*Signal Word*  
Danger

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

|                |                                                              |                   |
|----------------|--------------------------------------------------------------|-------------------|
| Product number | MX0486                                                       | Version 1.2       |
| Product name   | Methanol LC-MS Grade For Liquid Chromatography-<br>OmniSolv® | Mass Spectrometry |

---

## *Hazard Statements*

H225 Highly flammable liquid and vapor.

H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.

H370 Causes damage to organs (Eyes).

## *Precautionary Statements*

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing.

Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P322 Specific measures (see supplemental first aid instructions on this label).

P330 Rinse mouth.

P361 Remove/Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

## **Other hazards**

None known.

---

## **SECTION 3. Composition/information on ingredients**

|            |                    |                          |
|------------|--------------------|--------------------------|
| Formula    | CH <sub>3</sub> OH | CH <sub>4</sub> O (Hill) |
| Synonyms   | MeOH               |                          |
| Molar mass | 32.04 g/mol        |                          |

## **Hazardous ingredients**

*Chemical name (Concentration)*

CAS-No.

*methanol (>= 90 % - <= 100 % )*

67-56-1

Exact percentages are being withheld as a trade secret.

## SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

---

### SECTION 4. First aid measures

#### Description of first-aid measures

##### *General advice*

First aider needs to protect himself.

##### *Inhalation*

After inhalation: fresh air. Immediately call in physician. If breathing stops: immediately apply artificial respiration, if necessary also oxygen.

##### *Skin contact*

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician immediately.

##### *Eye contact*

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

##### *Ingestion*

After swallowing: fresh air. Make victim drink ethanol (e.g. 1 drinking glass of a 40% alcoholic beverage). Call a doctor immediately (mention methanol ingestion). Only in exceptional cases, if no medical care is available within one hour, induce vomiting (only in fully conscious persons) and make victim drink ethanol again (approx. 0.3 ml of a 40% alcoholic beverage/kg body weight/hour).

Never give anything by mouth to an unconscious person.

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

irritant effects, Drowsiness, Dizziness, narcosis, agitation, spasms, inebriation, Nausea, Vomiting, Headache, blindness, Impairment of vision, Coma  
Drying-out effect resulting in rough and chapped skin.

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

No information available.

---

### SECTION 5. Fire-fighting measures

#### Extinguishing media

##### *Suitable extinguishing media*

Foam, Carbon dioxide (CO<sub>2</sub>), Dry powder

##### *Unsuitable extinguishing media*

For this substance/mixture no limitations of extinguishing agents are given.

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

Combustible.

Vapors are heavier than air and may spread along floors.

Forms explosive mixtures with air at ambient temperatures.

Pay attention to flashback.

Development of hazardous combustion gases or vapors possible in the event of fire.

#### Advice for firefighters

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

|                |                                                              |                   |
|----------------|--------------------------------------------------------------|-------------------|
| Product number | MX0486                                                       | Version 1.2       |
| Product name   | Methanol LC-MS Grade For Liquid Chromatography-<br>OmniSolv® | Mass Spectrometry |

---

## *Special protective equipment for fire-fighters*

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

## *Further information*

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

## SECTION 6. Accidental release measures

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

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders:

Protective equipment see section 8.

### **Environmental precautions**

Do not let product enter drains. Risk of explosion.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

---

## SECTION 7. Handling and storage

### **Precautions for safe handling**

Work under hood. Do not inhale substance/mixture. Avoid generation of vapors/aerosols.

Observe label precautions.

### *Advice on protection against fire and explosion*

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

### **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only to qualified or authorized persons.

Store at room temperature.

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

|                |                                                                                    |             |
|----------------|------------------------------------------------------------------------------------|-------------|
| Product number | MX0486                                                                             | Version 1.2 |
| Product name   | Methanol LC-MS Grade For Liquid Chromatography-<br/>Mass Spectrometry<br>OmniSolv® |             |

## SECTION 8. Exposure controls/personal protection

### Exposure limit(s)

#### *Ingredients*

| Basis                   | Value                                        | Threshold limits     | Remarks                           |
|-------------------------|----------------------------------------------|----------------------|-----------------------------------|
| <i>methanol 67-56-1</i> |                                              |                      |                                   |
| ACGIH                   | Time Weighted Average (TWA):                 | 200 ppm              | Can be absorbed through the skin. |
|                         | Short Term Exposure Limit (STEL):            | 250 ppm              |                                   |
|                         | Skin designation:                            |                      |                                   |
|                         |                                              |                      |                                   |
| NIOSH/GUIDE             | Recommended exposure limit (REL):            | 200 ppm<br>260 mg/m³ | Can be absorbed through the skin. |
|                         | Skin designation:                            |                      |                                   |
|                         | Short Term Exposure Limit (STEL):            | 250 ppm<br>325 mg/m³ |                                   |
|                         |                                              |                      |                                   |
| OSHA_TRANS              | PEL:                                         | 200 ppm<br>260 mg/m³ |                                   |
| Z1A                     | Time Weighted Average (TWA):                 | 200 ppm<br>260 mg/m³ | Can be absorbed through the skin. |
|                         | Skin designation (Final Rule Limit applies): |                      |                                   |
|                         | Short Term Exposure Limit (STEL):            | 250 ppm<br>325 mg/m³ |                                   |
|                         |                                              |                      |                                   |

### Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

### Individual protection measures

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

#### *Hygiene measures*

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

#### *Eye/face protection*

Safety glasses

#### *Hand protection*

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

#### *Other protective equipment:*

Flame retardant antistatic protective clothing.

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

## *Respiratory protection*

required when vapors/aerosols are generated.

## SECTION 9. Physical and chemical properties

|                             |                                             |
|-----------------------------|---------------------------------------------|
| Physical state              | liquid                                      |
| Color                       | colorless                                   |
| Odor                        | characteristic                              |
| Odor Threshold              | 10 - 20000 ppm                              |
| pH                          | No information available.                   |
| Melting point               | -144 °F (-98 °C)                            |
| Boiling point/boiling range | 148.1 °F (64.5 °C)<br>at 1,013 hPa          |
| Flash point                 | 50 °F (10 °C)<br>Method: c.c.               |
| Evaporation rate            | 6.3<br>Reference substance: Diethyl ether   |
|                             | 1.9<br>Reference substance: n-butyl acetate |
| Flammability (solid, gas)   | No information available.                   |
| Lower explosion limit       | 5.5 %(V)                                    |
| Upper explosion limit       | 44 %(V)                                     |
| Vapor pressure              | 128 hPa<br>at 68 °F (20 °C)                 |
| Relative vapor density      | 1.11                                        |
| Density                     | 0.792 g/cm <sup>3</sup><br>at 68 °F (20 °C) |
| Relative density            | No information available.                   |
| Water solubility            | at 68 °F (20 °C)<br>soluble                 |

## SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

|                |                                                                                    |             |
|----------------|------------------------------------------------------------------------------------|-------------|
| Product number | MX0486                                                                             | Version 1.2 |
| Product name   | Methanol LC-MS Grade For Liquid Chromatography-<br/>Mass Spectrometry<br>OmniSolv® |             |

|                                        |                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------|
| Partition coefficient: n-octanol/water | log Pow: -0.77<br>(experimental)<br>(Lit.) Bioaccumulation is not expected. |
| Autoignition temperature               | 851 °F(455 °C)                                                              |
| Decomposition temperature              | Distillable in an undecomposed state at normal pressure.                    |
| Viscosity, dynamic                     | 0.597 mPa.s<br>at 68 °F (20 °C)                                             |
| Explosive properties                   | Not classified as explosive.                                                |
| Oxidizing properties                   | none                                                                        |
| Ignition temperature                   | 851 °F (455 °C)<br>DIN 51794                                                |
| Minimum ignition energy                | 0.14 mJ                                                                     |
| Conductivity                           | < 1 µS/cm                                                                   |

### SECTION 10. Stability and reactivity

#### Reactivity

Vapors may form explosive mixture with air.

#### Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

#### Possibility of hazardous reactions

Risk of explosion with:

Oxidizing agents, perchloric acid, perchlorates, salts of oxyhalogenic acids, chromium(VI) oxide, halogen oxides, nitrogen oxides, nonmetallic oxides, chromosulfuric acid, chlorates, hydrides, zinc diethyl, halogens, magnesium, hydrogen peroxide, Nitric acid

Exothermic reaction with:

acid halides, Acid anhydrides, Reducing agents, acids

Generates dangerous gases or fumes in contact with:

Alkaline earth metals, Alkali metals

#### Conditions to avoid

Warming.

#### Incompatible materials

various plastics, magnesium, zinc alloys

#### Hazardous decomposition products

no information available

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

## SECTION 11. Toxicological information

### Information on toxicological effects

#### *Likely route of exposure*

Inhalation, Eye contact, Skin contact

#### *Target Organs*

Eyes

Skin

Respiratory system

Central nervous system

gastrointestinal tract

#### *Acute oral toxicity*

LDLO human: 143 mg/kg (RTECS)

Symptoms: Nausea, Vomiting

#### *Acute inhalation toxicity*

LC50 Rat: 131.25 mg/l; 4 h ; vapor  
(ECHA)

Symptoms: Irritation symptoms in the respiratory tract.

#### *Acute dermal toxicity*

LD50 Rabbit: ca. 17,100 mg/kg  
(External MSDS)

#### *Skin irritation*

Rabbit

Result: No skin irritation  
(ECHA)

Drying-out effect resulting in rough and chapped skin.

#### *Eye irritation*

Rabbit

Result: No eye irritation  
(ECHA)

Irritations of mucous membranes

#### *Sensitization*

Sensitization test: Guinea pig

Result: negative

Method: OECD Test Guideline 406

#### *Repeated dose toxicity*

Subacute toxicity

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

## *Genotoxicity in vivo*

Micronucleus test

Mouse

Result: negative

Method: OECD Test Guideline 474

## *Genotoxicity in vitro*

Ames test

Salmonella typhimurium

Result: negative

Method: OECD Test Guideline 471

In vitro mammalian cell gene mutation test

Result: negative

Method: OECD Test Guideline 476

## *Specific target organ systemic toxicity - single exposure*

Causes damage to organs.

Target Organs: Eyes

## *Specific target organ systemic toxicity - repeated exposure*

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

## *Aspiration hazard*

Regarding the available data the classification criteria are not fulfilled.

## **Carcinogenicity**

IARC

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

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

## **Further information**

Systemic effects:

acidosis, drop in blood pressure, agitation, spasms, inebriation, Dizziness, Drowsiness, Headache, Impairment of vision, blindness, narcosis, Coma

Symptoms may be delayed.

Damage to:

Liver, Kidney, Cardiac, Irreversible damage of the optical nerve.

Other dangerous properties can not be excluded.

This substance should be handled with particular care.

## SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

---

## SECTION 12. Ecological information

### Ecotoxicity

#### *Toxicity to fish*

flow-through test LC50 *Lepomis macrochirus* (Bluegill sunfish): 15,400 mg/l; 96 h  
US-EPA

#### *Toxicity to daphnia and other aquatic invertebrates*

EC50 *E.sulcatum*: > 10,000 mg/l; 72 h (Lit.)

EC50 *Daphnia magna* (Water flea): > 10,000 mg/l; 48 h (IUCLID)

#### *Toxicity to algae*

static test EC50 *Pseudokirchneriella subcapitata* (green algae): ca. 22,000 mg/l; 96 h  
OECD Test Guideline 201

#### *Toxicity to bacteria*

EC50 *Pseudomonas fluorescens*: 6,600 mg/l; 16 h (IUCLID)

static test IC50 activated sludge: > 1,000 mg/l; 3 h

Analytical monitoring: yes

OECD Test Guideline 209

#### *Toxicity to fish (Chronic toxicity)*

NOEC *Oryzias latipes* (Orange-red killifish): 7,900 mg/l; 200 h  
(External MSDS)

### Persistence and degradability

#### *Biodegradability*

99 %; 30 d

OECD Test Guideline 301D

Readily biodegradable.

#### *Biochemical Oxygen Demand (BOD)*

600 - 1,120 mg/g (5 d)

(IUCLID)

#### *Chemical Oxygen Demand (COD)*

1,420 mg/g

(IUCLID)

#### *Theoretical oxygen demand (ThOD)*

1,500 mg/g

(Lit.)

#### *Ratio BOD/ThBOD*

BOD5 76 %

Closed Bottle test

### Bioaccumulative potential

#### *Partition coefficient: n-octanol/water*

log Pow: -0.77

(experimental)

(Lit.) Bioaccumulation is not expected.

### Mobility in soil

No information available.

### Other adverse effects

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

|                |                                                                                    |             |
|----------------|------------------------------------------------------------------------------------|-------------|
| Product number | MX0486                                                                             | Version 1.2 |
| Product name   | Methanol LC-MS Grade For Liquid Chromatography-<br/>Mass Spectrometry<br>OmniSolv® |             |

---

## *Surface tension*

22.6 mN/m  
at 68 °F(20 °C)

## *Stability in water*

2.2 yr  
reaction with hydroxyl radicals (IUCLID)

---

### SECTION 13. Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

---

### SECTION 14. Transport information

#### Land transport (DOT)

|                           |          |
|---------------------------|----------|
| UN number                 | UN 1230  |
| Proper shipping name      | METHANOL |
| Class                     | 3        |
| Packing group             | II       |
| Environmentally hazardous | --       |

#### Air transport (IATA)

|                              |          |
|------------------------------|----------|
| UN number                    | UN 1230  |
| Proper shipping name         | METHANOL |
| Class                        | 3 (6.1)  |
| Packing group                | II       |
| Environmentally hazardous    | --       |
| Special precautions for user | no       |

#### Sea transport (IMDG)

|                              |          |
|------------------------------|----------|
| UN number                    | UN 1230  |
| Proper shipping name         | METHANOL |
| Class                        | 3 (6.1)  |
| Packing group                | II       |
| Environmentally hazardous    | --       |
| Special precautions for user | yes      |
| EmS                          | F-E S-D  |

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

## SECTION 15. Regulatory information

### United States of America

#### SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

##### *Ingredients*

|          |         |       |
|----------|---------|-------|
| methanol | 67-56-1 | 100 % |
|----------|---------|-------|

#### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

#### DEA List I

Not listed

#### DEA List II

Not listed

### US State Regulations

#### Massachusetts Right To Know

##### *Ingredients*

methanol

#### Pennsylvania Right To Know

##### *Ingredients*

methanol

#### New Jersey Right To Know

##### *Ingredients*

methanol

#### California Prop 65 Components

WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

##### *Ingredients*

methanol

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

## Notification status

TSCA:

All components of the product are listed in the TSCA-inventory.

DSL:

All components of this product are on the Canadian DSL

## SECTION 16. Other information

### Training advice

Provide adequate information, instruction and training for operators.

### Labeling

*Hazard pictograms*



### *Signal Word*

Danger

### *Hazard Statements*

H225 Highly flammable liquid and vapor.

H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.

H370 Causes damage to organs (Eyes).

### *Precautionary Statements*

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P240 Ground/bond container and receiving equipment.

P280 Wear protective gloves/ protective clothing.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308 + P310 IF exposed or concerned: immediately call a POISON CENTER or doctor/ physician.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

### Full text of H-Statements referred to under sections 2 and 3.

H225 Highly flammable liquid and vapor.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H370 Causes damage to organs.

### Key or legend to abbreviations and acronyms used in the safety data sheet

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number

MX0486

Version 1.2

Product name

Methanol LC-MS Grade For Liquid Chromatography-  
Mass Spectrometry  
OmniSolv®

---

Used abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

Revision Date 06/20/2017

---

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

*All rights reserved. Millipore and the "M" Mark are registered trademarks of Merck KGaA, Darmstadt, Germany.*