



# LCF Level Control Fluid MB 344.0

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 20-6-2011 Revision date: 11-8-2014 version: 2.0

50000MBL

\*\*\* DRAFT \*\*\*

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : LCF Level Control Fluid MB 344.0  
Product code : 50000MBL

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Function or use category : Hydraulic fluids and additives

##### 1.2.2. Uses advised against

No additional information available

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

MPM International Oil Company  
Cyclotronweg 1  
2629 HN Delft - Nederland  
T +31 (0)15 2514030 - F +31 (0)15 2514031  
[info@mpmoil.nl](mailto:info@mpmoil.nl) - [www.mpmoil.nl](http://www.mpmoil.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Centre Hospitalier Universitaire de Constantine	Avonley Road SE14 5ER London	0870 243 2241	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

If the rules that apply when handling chemicals are followed, then it takes no special risks. Product may not flow into sewer or superficial water.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH210 - Safety data sheet available on request  
Extra phrases : This material and its container must be disposed of in a safe way, and as per local legislation

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

# LCF Level Control Fluid MB 344.0

## Safety Data Sheet

\*\*\* DRAFT \*\*\*

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Base oil, low viscous	(CAS No) 64742-79-6 (EC No) 265-182-8	1 - 2,4	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
ZnDTP	(CAS No) 85940-28-9 (EC No) 288-917-4	0,1 - 1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- General : Remove/Take off immediately all contaminated clothing. Do not put rags into cloathing.
- After inhalation : Provide fresh air. Get medical advice/attention if you feel unwell.
- After skin contact : Wash with plenty of soap and water. If irritation persists, consult a specialist.
- After eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a specialist.
- After ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container label. Rinse mouth.

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

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.
- After skin contact : May cause slight irritation.
- After eye contact : May cause slight irritation.

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

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : powder, alcohol-resistant foam, water spray, carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

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

- Fire hazard : On heating/burning: release of (highly) toxic gases/vapours e.g.: carbon monoxide - carbon dioxide.

#### 5.3. Advice for firefighters

- Firefighting instructions : Do not use water jet.
- Protection during firefighting : Self-contained breathing apparatus with an air line.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : May be dangerously slippery if spilled. Keep public away.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing. Gloves.

##### 6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing and gloves.

#### 6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

#### 6.3. Methods and material for containment and cleaning up

- For containment : Prevent spreading over great surfaces (e.g. by damming or installing oil booms).
- Methods for cleaning up : Clean up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel).
- Other information : Can be slippery on hard, smooth walking area.

#### 6.4. Reference to other sections

Information on disposal - see Section 13. Information on personal protective equipment - see Chapter 8. Information on safe handling - see Section 7.

# LCF Level Control Fluid MB 344.0

## Safety Data Sheet

\*\*\* DRAFT \*\*\*

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Prevent the formation of oil mist.  
Hygiene measures : When using do not eat, drink or smoke.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep only in the original container in a cool, well-ventilated place.  
Storage conditions : Store in original container. Protect from heat and direct sunlight.  
Storage area : Keep container tightly closed in a cool, well-ventilated place.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Additional information : To date, no national limit values exist.. Based on ACGIH TLV, a concentration of 5 mg/m<sup>3</sup> oilspray (TWA, 8 hour workday) is recommended.

#### 8.2. Exposure controls

##### Technical measures:

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured. Ensure adequate ventilation of the storage area.

##### Materials for protective clothing:

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. NBR (Nitrile rubber). Suitable material:

##### Hand protection:

Wear suitable gloves. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing, gloves and eye/face protection

##### Other information:

The usual precautions for handling chemicals should be observed. Change contaminated clothing. Wash hands before breaks and at the end of work. Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : Yellowbrown. light brown.  
Odour : characteristic.  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : 200 °C ISO 2592  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density : 850 g/l DIN 51757  
Solubility : Water: Practically insoluble  
Log Pow : No data available

# LCF Level Control Fluid MB 344.0

## Safety Data Sheet

\*\*\* DRAFT \*\*\*

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Viscosity, kinematic	: 30,6 mm <sup>2</sup> /s 40C DIN 51562
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### LCF Level Control Fluid MB 344.0

Viscosity, kinematic	30,6 mm <sup>2</sup> /s 40C DIN 51562
----------------------	---------------------------------------

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Harmful to aquatic organisms.

#### ZnDTP (85940-28-9)

LC50 fish 1	5 mg/l @96h
-------------	-------------

### 12.2. Persistence and degradability

#### LCF Level Control Fluid MB 344.0

Persistence and degradability	Not soluble in water, so only minimally biodegradable.
-------------------------------	--

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

#### LCF Level Control Fluid MB 344.0

Soil	Prevent soil and water pollution.
------	-----------------------------------

### 12.5. Results of PBT and vPvB assessment

No additional information available

# LCF Level Control Fluid MB 344.0

## Safety Data Sheet

\*\*\* DRAFT \*\*\*

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Waste disposal according to official state regulations.  
Waste treatment methods : Do not dispose of with domestic waste.  
Waste disposal recommendations : Remove to an authorized waste treatment plant.  
European List of Waste (LoW) code : 13 01 11\* - synthetic hydraulic oils

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG
<b>14.1. UN number</b>	
Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>	
Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>	
Not applicable	Not applicable
Not applicable	Not applicable
<b>14.4. Packing group</b>	
Not applicable	Not applicable
<b>14.5. Environmental hazards</b>	
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No
No supplementary information available	

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.

# LCF Level Control Fluid MB 344.0

## Safety Data Sheet

\*\*\* DRAFT \*\*\*

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H318	Causes serious eye damage.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

SDS MPM REACH

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*