50000MBL



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

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 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency telephone number Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.4. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.5. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.5. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.5. Emergency number : + 131 (0)15 2514030 (08.00 - 17.00) 1.5. Emergency number : + 131 (00.00 - 17.	COMPANI	Date of issue: 2	20-6-2011 Revision date: 11-8-2014 ver	sion: 2.0	
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3.1. Substances	No additional inform	nation available			
	SECTION 3: Co	omposition/information or	n ingredients		
Not applicable	3.1. Substand	ces			
	Not applicable				

3.2. Mixtures

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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 effect	
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 medica	I attention and special treatment needed
First Aid, decontamination, treatment of symptor	ns.
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 su	
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 mea	
6.1. Personal precautions, protective eq	uipment 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 containme	ent 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	
	ation on personal protective equipment - see Chapter 8. Information on safe handling - see Section

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

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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, includ	ling 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/m3 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	l properties	
9.1. Information on basic physical and	chemical properties	
Physical state	: Liquid	
Colour	: Yellowbrown. light brown.	
Odour	: characteristic.	
Odour threshold	: No data available	
рН	: 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	
22-12-2016	EN (English)	3/6

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Viscosity, kinematic	: 30,6 mm²/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 availab	e
SECTION 10: Stability an	d reactivity
10.1. Reactivity	
No additional information availab	e
10.2. Chemical stability	
The product is stable at normal h	andling- and storage conditions.
10.3. Possibility of hazardo	us reactions
No additional information availab	le
10.4. Conditions to avoid	
No additional information availab	e
10.5. Incompatible materia	S
No additional information availab	le

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological inf	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 mm²/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	

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12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal considera	tions
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	
14.1. UN number		
Not applicable	Not applicable	
14.2. UN proper shipping name		
Not applicable	Not applicable	
14.3. Transport hazard class(es)		
Not applicable	Not applicable	
Not applicable	Not applicable	
14.4. Packing group		
Not applicable	Not applicable	
14.5. Environmental hazards		
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.

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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