

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ZETOLAN-MEK PLUS 3

Print date: 31.05.2015

Product code: 252

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

processing aid

1.3. Details of the supplier of the safety data sheet

Company name:	Leyco Chemische Leyde GmbH	
Street:	Industriestraße 155	
Place:	D--50999 Köln	
Telephone:	+49 (0) 2236-966-00-0	Telefax: +49 (0) 2236-966-00-10
e-mail:	sicherheit@leyde.com	
Contact person:	Abteilung Produktsicherheit	Telephone: +49 (0) 2236-966-00-29
Internet:	www.leyde.com	
Responsible Department:	Abteilung Produktsicherheit	

1.4. Emergency telephone number:

0049 (0) 2236 966 00 29

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

This product is not a hazardous article and need not be labelled according to EC-Directive 67/548, as amended.

2.2. Label elements**Additional advice on labelling**

This product is not a hazardous article and need not be labelled according to EC-Directive 67/548, as amended.

2.3. Other hazards

12 01 19 - readily biodegradable machining oil Do not flush into surface water or sanitary sewer system.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
	Refined Hydrocarbons-Compound	> 75 %
64742-60-0		

Full text of R-, H- and EUH-phrases: see section 16.

Further Information

IP 346 DMSO < 3 %

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Move to fresh air. If symptoms persist, call a physician.

After contact with skin

Wash off with soap and water. If symptoms persist, call a physician.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, call a physician.

After ingestion

Do not induce vomiting. If symptoms persist, call a physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

"Use dry chemical, CO₂, water spray or "alcohol" foam."

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

In the case of inhalation of aerosol/mist consult a physician if necessary

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Additional information

Cool containers / tanks with spray water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No conditions to be specially mentioned

6.2. Environmental precautions

After cleaning, flush away traces with water. Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Contaminated surfaces will be extremely slippery.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

Further information on handling

Do not breathe vapours or spray mist.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed.

Advice on storage compatibility

See chapter 7.2 Storage class

Further information on storage conditions

Keep away from direct sunlight.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Provide adequate ventilation.

8.2. Exposure controls

Protective and hygiene measures

When using do not eat or drink.

Eye/face protection

tightly fitting safety goggles

Hand protection

protective gloves: nitrile rubber (NBR 0,4 mm)

Skin protection

Hand protection Wear face-shield and protective suit for abnormal processing problems.

Respiratory protection

Do not inhale aerosol.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	tan
Odour:	mild

pH-Value (at 20 °C):

neutral

Changes in the physical state

Melting point:

-12 °C

Initial boiling point and boiling range:

> 280 °C

Flash point:

> 130 °C (ASTM D93, P-M)

Auto-ignition temperature

>230

Vapour pressure:
(at 20 °C)

< 0.1 hPa

Density (at 15 °C):

0.85 -0.87 g/cm³

Water solubility:

insoluble

Partition coefficient:

> 3

Viscosity / kinematic:
(at 40 °C)

12 mm²/s

Test method

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

no data available

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

no data available

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10.5. Incompatible materials

strong oxidising agents

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Irritation and corrosivity**

Experience shows no unusual dermatitis hazard from routine handling.

SECTION 12: Ecological information**12.1. Toxicity**

no data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information**Land transport (ADR/RID)****14.3. Transport hazard class(es):** Not classified as dangerous in the meaning of transport regulations.**Inland waterways transport (ADN)****14.3. Transport hazard class(es):** Not classified as dangerous in the meaning of transport regulations.**Marine transport (IMDG)****14.3. Transport hazard class(es):** Not classified as dangerous in the meaning of transport regulations.**Air transport (ICAO)****14.3. Transport hazard class(es):** Not classified as dangerous in the meaning of transport regulations.**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Further Information**

The receiver of our product is singularly responsible for adhering to existing laws and regulations. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)