

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 1 of 8

1. Identification**Product identifier**

ADDINOL Addilith EP 2 SL

Recommended use of the chemical and restrictions on use**Details of the supplier of the safety data sheet****Manufacturer**

Company name: ADDINOL Lube Oil GmbH
Gebäude 4609
Street: Am Haupttor
Place: D-06237 Leuna
Telephone: +49 (0) 3461 845-0 Telefax: +49 (0) 3461 845-555
e-mail: info@addinol.de
Contact person: Application Technology
Internet: www.addinol.de
Responsible Department: ADDINOL Application Technology

Supplier

Company name: ADDINOL Lube Oil
Telephone: +1 647 939 9938
e-mail: laura.nelson@addinol.de

Emergency phone number: +16479399938 available Mon - Fri, 8:00 am to 4:30 pm EST**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Respiratory or skin sensitization: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

Label elements**29 CFR Part 1910.1200****Signal word:** Warning**Pictograms:****Hazard statements**

May cause an allergic skin reaction

Harmful to aquatic life with long lasting effects

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray.

Avoid release to the environment.

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

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Dispose of contents/container to an appropriate recycling or disposal facility.

Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 2 of 8

Hazards not otherwise classified

No risks worthy of mention.

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

3. Composition/information on ingredients**Mixtures****Hazardous components**

CAS No	Components	Quantity
84418-50-8	Naphthenic acids, zinc salts, basic	1 - 2,5 %
7446-26-6	Dizinc pyrophosphate	< 1 %

Further Information

DMSO-Extrakt < 3 %, IP 346.

Classification system: The classification corresponds to the current US lists and is completed by information from specialist literature and company information.

4. First-aid measures**Description of first aid measures****General information**

Self-protection of the first aider. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation

Provide fresh air. In case of persistent complaints seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. En cas d'irritations cutanées consulter un dermatologue.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Do NOT induce vomiting.

Rinse mouth thoroughly with water. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO₂) Extinguishing powder Foam.

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 3 of 8

Specific hazards arising from the chemical

In case of fire, the following may be released: Carbon monoxide, Carbon dioxide (CO₂) Sulphur oxides
Nitrogen oxides (NO_x). carbon black.

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures****General measures**

High slip hazard because of leaking or spilled product. Avoid contact with skin, eyes and clothes.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up**Other information**

Take up mechanically. Dispose of waste according to applicable legislation. Clean contaminated articles and floor according to the environmental legislation.

Reference to other sections

Safe handling: see section 7
Personal protection equipment (PPE): see section 8
Section 12: Ecological Information (non-mandatory)
Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. When using do not smoke.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Further information on handling

No special measures are necessary.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Keep container tightly closed in a cool place. Keep/Store only in original container.

Hints on joint storage

Keep away from food, drink and animal feed.
Keep away from: Oxidizing agents.

Further information on storage conditions

Protect against: UV-radiation/sunlight. Frost. Heat.
Recommended storage temperature: 5 - 40°C

8. Exposure controls/personal protection**Control parameters**

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 4 of 8

Additional advice on limit values

The product does not contain any relevant quantities of substances with legally established exposure limitation.

Exposure controls**Protective and hygiene measures**

Wash hands before breaks and after work. Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

Eye/face protection

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): DIN EN 166

Hand protection

Tested protective gloves must be worn: German Industry Norms (DIN) / European Norms (EN): EN ISO 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber)

Thickness of glove material: 0.4 mm.

Wearing time with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber)

Thickness of glove material: 0.2 mm

Protect skin by using skin protective cream.

Skin protection

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

9. Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	Paste
Color:	beige
Odor:	characteristic

Test method

pH-Value:	not applicable
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Changes in the physical state

Melting point/freezing point:	not determined
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Boiling point or initial boiling point and boiling range:	not determined
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Flash point:	No data available
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Sustaining combustion:	No data available
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Flammability

Solid/liquid:	No data available
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Gas:	No data available
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Explosive properties

No data available

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 5 of 8

Lower explosion limits: No data available

Upper explosion limits: No data available

Auto-ignition temperature: No data available

Self-ignition temperature

Solid: No data available

Gas: No data available

Decomposition temperature: No data available

Oxidizing properties

No data available

Vapor pressure: No data available

Density (at 20 °C): 0,92 g/cm³ DIN 51757

Water solubility: practically insoluble.

Solubility in other solvents

No data available

Partition coefficient n-octanol/water: No data available

Viscosity / kinematic:
(at 40 °C) 185 mm²/s DIN 51562 - Base oil

Relative vapour density: No data available

Evaporation rate: No data available

Other information

No data available

10. Stability and reactivity**Reactivity**

The product is stable under storage at normal ambient temperatures.

Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

Incompatible materials

Reacts with: Oxidizing agents, strong.

Hazardous decomposition productsIn case of fire, the following may be released: Carbon monoxide Carbon dioxide (CO₂) Sulphur oxides
Nitrogen oxides (NO_x). carbon black.**11. Toxicological information****Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Mixture not tested.

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 6 of 8

CAS No	Components				
	Exposure route	Dose	Species	Source	Method
84418-50-8	Naphthenic acids, zinc salts, basic				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2006)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1980)	OECD Guideline 402
7446-26-6	Dizinc pyrophosphate				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2017)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Guinea pig	Study report (2017)	OECD Guideline 402

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitizing effects

May cause an allergic skin reaction (Naphthenic acids, zinc salts, basic)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met.

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on other hazards**Endocrine disrupting properties**

not applicable

Further information

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

12. Ecological information**Ecotoxicity**

No data available

Mixture not tested.

Persistence and degradability

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Endocrine disrupting properties

not applicable

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 7 of 8

Other adverse effects

No data available

Further information

Do not allow uncontrolled discharge of product into the environment.

13. Disposal considerations**Waste treatment methods****Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation. Packing which cannot be properly cleaned must be disposed of.

14. Transport information**Marine transport (IMDG)****UN number:** -**UN proper shipping name:** -**Transport hazard class(es):** -**Packing group:** -**Air transport (ICAO-TI/IATA-DGR)****UN number:** -**UN proper shipping name:** -**Transport hazard class(es):** -**Packing group:** -**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

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

not applicable

Other applicable information

No dangerous good in sense of these transport regulations.

15. Regulatory information**U.S. Regulations****National regulatory information**

SARA Section 311/312 Hazards:

Naphthenic acids, zinc salts, basic (84418-50-8): Immediate (acute) health hazard

State Regulations**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information**Hazardous Materials Information Label (HMIS)**

Health: 1

Safety Data Sheet

according to 29 CFR 1910.1200(g)

ADDINOL Addilith EP 2 SL

Revision date: 10/05/2021

Product code: 717266

Page 8 of 8

Flammability: 1

Physical Hazard: 0

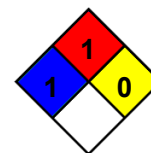
NFPA Hazard Ratings

Health: 1

Flammability: 1

Reactivity: 0

Unique Hazard:

**Changes**

Revision date: 10/05/2021

Revision No: 1,04

This data sheet contains changes from the previous version in section(s): 3,4,5,6,7,8,9,10,11,16.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Other data

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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