

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No. 2015/830



ONG OIL

Product number 144

Revision date: 8/2/2019
Version: 6

Language: en-GB,DE,FR,IE

Date of print: 16/4/2019
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: ONG OIL
This safety data sheet pertains to the following products:
Article number: 80900013 - 5 Liter ONG OEL
Article number: 80900014 - 1 Liter ONG OEL

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

General use: Lubricating oil
For industrial purposes only

1.3 Details of the supplier of the safety data sheet

Company name: August Rueggeberg GmbH & Co. KG
PFERD-Werkzeuge
Street/POB-No.: Hauptstraße 13
Postal Code, city: 51709 Marienheide
WWW: www.pferd.com
E-mail: info@pferd.com
Telephone: +49 (0)2264-9-0
Telefax: +49 (0)2264-9-400
Dept. responsible for information:
Telephone: +49 (0) 2264-9-0

1.4 Emergency telephone number

Germany: 0800-181-5313
Austria: 0800-802278
France: 0805-089352
Italy: 800-794-834
Bulgaria: 359-32571722
Poland: +48-223073296
Sweden: 020-889-215
Greece: 30-2111981153
Other EU-Countries: 1-813-248-0585

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (CLP)

Hazard statements: H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements:

- P273 Avoid release to the environment.
P501 Dispose of contents/container to hazardous or special waste collection point.

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Mineral oil and synthetic ester oils.

Hazardous ingredients:

Ingredient	Designation	Content	Classification
REACH 01-2119487077-29-xxxx EC No. 265-158-7 CAS 64742-55-8	Distillates (petroleum), hydrotreated light paraffinic	10 - 20 %	Asp. Tox. 1; H304.
EC No. 273-066-3 CAS 68937-41-7	tris(isopropylphenyl) phosphate	0.3 - 1 %	Repr. 2; H361fd. STOT RE 2; H373. Aquatic Chronic 2; H411.
EC No. 204-112-2 CAS 115-86-6	Triphenyl phosphate	0.1 - 0.25 %	Aquatic Acute 1; H400. Aquatic Chronic 1; H410.
EC No. 204-881-4 CAS 128-37-0	3,5-Di-tert-butyl-4- hydroxytoluene	0.1 - 0.25 %	Aquatic Acute 1; H400. Aquatic Chronic 1; H410.

Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General information: First aider: Pay attention to self-protection!
Immediately remove any contaminated clothing, shoes or stockings.
- In case of inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen.
If you feel unwell, seek medical advice.
- Following skin contact: Remove residues with soap and water. Change contaminated clothing. In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses. In case of eye irritation consult an ophthalmologist.
- After swallowing: Rinse mouth and drink large quantities of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. In case of vomiting, lay at least head on side. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available

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4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, Alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

Combustible. In case of fire may be liberated: carbon black, traces of incompletely burned carbon compounds, carbon monoxide and carbon dioxide.

Heating causes rise in pressure with risk of bursting.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus. Use personal protection equipment.

Additional information:

Hazchem-Code: -

Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear appropriate protective equipment.

Do not breathe vapour/aerosol. Provide adequate ventilation. Keep unprotected people away.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

Do not breathe vapour/aerosol. Avoid contact with skin and eyes.

Avoid generation of vapours/aerosols. Wear appropriate protective equipment.

Wash hands and face before breaks and immediately after handling of the product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container dry, tightly closed and store at cool and aired place.

Store only in original container. Protect against direct sunlight.

Storage class: 10 = Combustible liquids, unless storage class 3

7.3 Specific end use(s)

No information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
	ONG OIL	France: VME	10 mg/m ³ (Dust limit value, inhalable fraction)
		France: VME	5 mg/m ³ (Dust limit value, respirable fraction)
		Germany: DFG Kurzzeit	2.4 mg/m ³ (Dust limit value, respirable fraction)
		Germany: DFG Langzeit	0.3 mg/m ³ (Dust limit value, respirable fraction)
		Germany: DFG Langzeit	4 mg/m ³ (Dust limit value, inhalable fraction)
		Germany: TRGS 900 Kurzzeit	2.5 mg/m ³ (Dust limit value, respirable fraction)
		Germany: TRGS 900 Kurzzeit	20 mg/m ³ (Dust limit value, inhalable fraction)
		Germany: TRGS 900 Langzeit	1.25 mg/m ³ (Dust limit value, respirable fraction)
		Germany: TRGS 900 Langzeit	10 mg/m ³ (Dust limit value, inhalable fraction)
		Great Britain: WEL-TWA	10 mg/m ³ (Dust limit value, inhalable fraction)
		Great Britain: WEL-TWA	4 mg/m ³ (Dust limit value, respirable fraction)
		Ireland: 8 hours	10 mg/m ³ (Dust limit value, inhalable fraction)
		Ireland: 8 hours	4 mg/m ³ (Dust limit value, respirable fraction)
68937-41-7	tris(isopropylphenyl) phosphate	Germany: TRGS 900 Kurzzeit	2 mg/m ³
		Germany: TRGS 900 Langzeit	1 mg/m ³

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CAS No.	Designation	Type	Limit value
115-86-6	Triphenyl phosphate	France: VME	3 mg/m ³
		Great Britain: WEL-STEL	6 mg/m ³
		Great Britain: WEL-TWA	3 mg/m ³
		Ireland: 15 minutes	6 mg/m ³
		Ireland: 8 hours	3 mg/m ³
128-37-0	3,5-Di-tert-butyl-4-hydroxytoluene	France: VME	10 mg/m ³
		Germany: TRGS 900 Kurzzeit	40 mg/m ³ (inhalable fraction)
		Germany: TRGS 900 Langzeit	10 mg/m ³ (inhalable fraction)
		Great Britain: WEL-TWA	10 mg/m ³
		Ireland: 8 hours	2 mg/m ³

Additional information: Observe in addition any national exposure limit values!

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

- Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.
Filter Typ A-P2 gemäß EN 14387 benutzen.
- Hand protection: Protective gloves according to EN 374.
Glove material: Nitrile rubber
Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- Eye protection: Tightly sealed goggles according to EN 166.
- Body protection: Wear suitable protective clothing.
- General protection and hygiene measures:
Avoid contact with skin and eyes.
Take off immediately all contaminated clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Form: liquid
Colour: yellow
- Odour: characteristic
- Odour threshold: No data available
- pH value: No data available
- Melting point/freezing point: No data available
- Initial boiling point and boiling range: No data available
- Flash point/flash point range: > 140 °C (ISO 2592)
- Evaporation rate: No data available

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Flammability:	No data available
Explosion limits:	No data available
Vapour pressure:	at 20 °C: ≤ 0.001 hPa
Vapour density:	No data available
Density:	at 20 °C: 0.87 g/mL
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	at 40 °C: 32.00 mm ² /s
Explosive properties:	No data available
Oxidizing characteristics:	No data available

9.2 Other information

Additional information: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

refer to 10.3

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Protect against heat /sun rays.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: No data available

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data.
Serious eye damage/irritation: Lack of data.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Based on available data, the classification criteria are not met.

Other information: Information about Distillates (petroleum), solvent-refined light naphthenic:
LD50, Rat, oral: > 5000 mg/kg
LC50, Rat, inhalative: > 5 mg/L/4h (dust, mist)
LD50, Rabbit, dermal: > 5000 mg/kg
Information about Phenol, isopropylated, phosphate (3:1):
LD50, Rat, oral: > 20000 mg/kg
LD50, Rabbit, dermal: > 10000 mg/kg
LC50, Rat, inhalative: > 200 mg/L/1h
Information about Triphenyl phosphate:
LD50, Rat, oral: > 20000 mg/kg (OECD 401)
LD50, Rabbit, dermal: > 10000 mg/kg (OECD 402)
Information about 3,5-Di-tert-butyl-4-hydroxytoluene:
LD50, Rat, oral: > 5000 mg/kg (OECD 401)
LD50, Rat, dermal: > 5000 mg/kg (OECD 402)

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Information about Distillates (petroleum), solvent-refined light naphthenic:

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): >10000 mg/L/48 h

Fish toxicity:

LC50 Oncorhynchus mykiss > 100 mg/L/96 h

Information about Phenol, isopropylated, phosphate (3:1):

Algae toxicity:

EC50 Pseudokirchneriella subcapitata (green algae): > 2.5 mg/L/96 h

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 2.44 mg/L/48 h

Fish toxicity:

LC50 Oncorhynchus mykiss 1.6 mg/L/96 h

Information about Triphenyl phosphate:

Algae toxicity:

EC50 Pseudokirchneriella subcapitata (green algae): 2 mg/L/96 h

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 1000 µg/L/48 h

Fish toxicity:

EC50 Oncorhynchus mykiss 0,4 mg/L/96 h

Information about 3,5-Di-tert-butyl-4-hydroxytoluene:

Algae toxicity:

EC50 Desmodesmus subspicatus (green algae): > 0.42 mg/L/72 h

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): > 0.17 mg/L/48 h

Fish toxicity:

EC50 Brachydanio rerio (zebra-fish) > 0.57 mg/L/96 h

Water Hazard Class: 1 = slightly hazardous to water

12.2 Persistence and degradability

Further details: Information about Phenol, isopropylated, phosphate (3:1):
Biodegradation: 17,9 %/28 d (OECD 301 D). Not easily bio-degradable
Information about Triphenyl phosphate:
Biodegradation: 83-94 %/28 d (OECD 301 C). Easily bio-degradable
Information about 3,5-Di-tert-butyl-4-hydroxytoluene:
Biodegradation: 4,5 %/28 d (OECD 301 C). Not easily bio-degradable

12.3 Bioaccumulative potential

Bioconcentration factor (BCF):
Information about Triphenyl phosphate:
Bioconcentration factor (BCF): 144
Information about 3,5-Di-tert-butyl-4-hydroxytoluene:
Bioconcentration factor (BCF): 598,4

12.4 Mobility in soil

No data available

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12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 12 01 10* = Synthetic machining oils
* = Evidence for disposal must be provided.

Recommendation: Special waste. Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:
not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:
Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:
not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:
not applicable

14.5 Environmental hazards

Marine pollutant: no

14.6 Special precautions for user

Only dangerous if carried on tank-ships.

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

No data available

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SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: -
No data available

National regulations - Germany

Storage class: 10 = Combustible liquids, unless storage class 3
Water Hazard Class: 1 = slightly hazardous to water

National regulations - France

No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H304 = May be fatal if swallowed and enters airways.
H361fd = Suspected of damaging fertility. Suspected of damaging the unborn child.
H373 = May cause damage to organs through prolonged or repeated exposure.
H400 = Very toxic to aquatic life.
H410 = Very toxic to aquatic life with long lasting effects.
H411 = Toxic to aquatic life with long lasting effects.
H412 = Harmful to aquatic life with long lasting effects.

Reason of change: General revision
Date of first version: 3/1/2013

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

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

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.