

EC-Safety Data Sheet conforming to 1907/2006/EG, Article 31

Achilles M 10

Date 09.06.2015 Page 1

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

1.1 Product identifier	Achilles M 10
1.2 Relevant identified uses of the substance or mixture and uses advised against	quench oil
1.3 Details of the supplier of the safety data sheet	MOLYDUVAL GmbH * Halskestr.6 * 40880 Ratingen * Germany * +49(21002)9757-00 * safety@molyduval.com

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture 1272/2008/EG hazard statements / category of danger / Hazard class
H304 / Asp. Tox. 1 / May be fatal if swallowed and enters airways
The product is classified acc to 1272/2008/EG

2.2 label elements



signal word: Danger
GHS09 Environmentally hazardous
H304 May be fatal if swallowed and enters airways
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children
P103 Read label before use.
P301+P330+P331
P405
P501 This material and its container must be disposed of as hazardous waste.

2.3 Other hazards

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SECTION 3: Composition - Information on Ingredients

3.1 Mixtures Gemisch aus nachfolgen aufgeführten Gefahrstoffen und ungefährlichen Beimischungen.
10-100% Destillate (Erdöl), Lösungsmittelentwaxte leichte paraffinhaltige REACH #: 01-2119480132-48 EG: 265-159-2 CAS: 64742-56-9 Asp. Tox. 1, H304 [A]

SECTION 4: First Aid Measures

4.1 General Instructions	Remove victim from danger zone, without exposing yourself to any personal risk. Remove wetted clothing and shoes and clean items before using them again.
4.2 After Inhalation	Remove exposed person to fresh air.
4.3 After Skin Contact	Wash with soap and much water.
4.4 After Eye Contact	Flush eyes with copious amounts of water for 15 minutes holding lid away from eye.
4.5 After Ingestion	No vomiting cause. Give two glass water with consciousness. Penetrates in the bronchial tube or lung can a chemical Pneumonia cause, which can be deadly. Arrange immediately medical supply.
4.6 Most important symptoms and effects, both acute and delayed	Bei Verschlucken mit anschließendem Erbrechen: ASPIRATIONSGEFAHR! Symptome: Husten, Atemnot, Zyanose, stockende oder stoßende Atmung, interkostale Einziehung sowie auskultatorisch feinblasige Rasselgeräusche und Giemen. Evtl. tritt erst nach 24-48 Stunden Ateminsuffizienz und Beatmungsbedürftigkeit auf (chemische Pneumonie). Weitere Symptome: Bewusstlosigkeit, Depression des Zentralnervensystems, Kopfschmerz, Übelkeit, trockene Haut und Schwindel.
4.7 Indication of any immediate medical attention and special treatment needed	Prolonged and/or repeated exposure may cause skin discomfort and inflammation (dermatitis). In case of swallowing followed by vomiting, material may be aspirated into the lungs - possibly leading to pulmonary edema (wettlung).

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media	CO2, Powder, Foam, Sand
5.2 Special hazards arising from the substance or mixture	In case of a fire, there may arise poisonous (CO, CO2 and other organic gases) gases
5.3 Advice for firefighters	Oxygen-mask

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Remove sources of ignition. Avoid skin contact.
6.2 Special Environmental Protection	Do not expose to environment or in effluent water.
6.3 Methods and material for containment and cleaning up	Use oil sucking materials f.e chemical absorbents.
6.4 Reference to other sections	n.a.

SECTION 7: Handling and Storage

EC-Safety Data Sheet conforming to 1907/2006/EG, Article 31

Achilles M 10

Date 09.06.2015 Page 2

7.1 Precautions for safe handling	If there is danger of splashing in the eyes Wear safety goggles. Avoid skin contact. After work wash hands. If necessary, Barrier creams applied before work.
7.2 Conditions for safe storage, including any incompatibilities	Store in closed containers. Open container in well ventilated areas Storage Class VCI: 3

SECTION 8: Limiting and supervising the exposure / personal protection

8.1 Control parameters	Arbeitsplatz-Grenzwerte Name des Produkts / Inhaltsstoffs Expositionsgrenzwerte Destillate (Erdöl), Lösungsmittel-entwachste, leichte paraffinhaltige, Mittelwert: 5 mg/m ³ 8 Stunden. Form: Nebel Expositionsgrenzwert: 10 mg/m ³ 15 Minuten. Form: Nebel
8.2 Limitation and supervision of exposure - Personal Protective Equipment	Respiratory Protection: None required; except in case of aerosol formation. Avoid inhalation of vapors. Use breathing apparatus if exposed to vapors / dust / aerosol. Combination filter, eg DIN 3181 ABEK Hand protection: Chemical-resistant protective gloves according to DIN / EN 374 is recommended. Only suitable for short-term exposure. If contamination is that the gloves should be changed immediately. Skin contact with the wetted surfaces of the gloves should be avoided. Eye protection: Safety glasses Hygiene measures: Wash hands before breaks and immediately after handling the product. Store work clothes separately. Take off all contaminated clothing immediately. Protective measures: Handle in accordance with good industrial hygiene and safety practice.
8.3 Delimitation and monitoring of environmental exposure	Do not discharge into surface water or drains

SECTION 9: Physical and Chemical Properties

Appearance Form	liquid
Color	light
Appearance	like oil
Odour	typical
Flash Point	194 °C
Upper Explosion Limit	-
Lower Explosion Limit	-
Specific Gravity, 20°C	0,85 g/cm ³
Water Solubility	N
Viscosity, 40°C	12 mm ² /s

SECTION 10: Stability und Reactivity

10.1 Reactivity	This product is stable in normal-use temperatures.
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Fumes can combine with air to form an explosive mixture.
10.4 Conditions to be avoided	No
10.5 Incompatible Materials	No
10.6 Hazardous products of instability / decomposition	no

SECTION 11: Toxicological Information

Symptoms after ingestion	Aspiration, smallest quantities that enter during swallowing or subsequent vomiting into the lungs, can lead to a pulmonary edema or pneumonia. Ingestion may cause irritation of mouth, throat and digestive system and abdominal pain, stomach cramps, nausea, vomiting, diarrhea, drowsiness or dizziness.
At Skin Contact	No hazard.
Symptoms after Inhalation	Reizung der Schleimhäute
Symptoms after eye contact	No hazard.
Other information	Product meets the requirements of the US Food Administration USDA and FDA for use as a lubricant with incidental food contact in the food industry. (USDA H1)
Toxicological Tests	There are no human toxicological data.
Toxicologic Effects	

SECTION 12: Ecological Information

12.2 Persistence and degradability	Biotischer Abbau: Produkt -- Wird als inhärent biologisch abbaubar angesehen. Hydrolyse: Produkt -- Es ist keine Transformation aufgrund von Hydrolyse in bedeutendem Ausmaß zu erwarten. Photolyse: Produkt -- Aufgrund von Photolyse ist keine Transformation in bedeutendem Ausmaß zu erwarten.
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EC-Safety Data Sheet conforming to 1907/2006/EG, Article 31

Achilles M 10

Date 09.06.2015 Page 3

12.3 Bioaccumulative potential	n.a.
12.4 Mobility in soil	n.a.
12.5 Results of PBT and vPvB assessment	n.a.
12.6 Other adverse effects	n.a.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods	May not be disposed together with domestic rubbish. Disposal in compliance with federal, state, and local laws. EAK Waste Product Code : 140603
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SECTION 14: Transport information in accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.2 UN proper shipping name	No
14.3 Transport hazard class	No transport regulations.
14.4 Packing group	-
14.5 Environmental hazards	n.a.
14.6 Special precautions for user	n.a.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	n.a.

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture	Labelling Xn: Harmful free
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national regulations
water polluting category: 2

15.2 Chemical safety assessment	Labelling according to EU-guidelines 1999/45 EG
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SECTION 16: Further Information

16.1 Full text of R-phrases referred to under sections 2 and 3	GHS09 Environmentally hazardous H304 May be fatal if swallowed and enters airways P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children P103 Read label before use. P301+P330+P331 P405 P501 This material and its container must be disposed of as hazardous waste.
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16.2 Further Information	Although the information on this safety sheet is based on the by us known and reliable considered information, we can neither accept any responsibility for the use of it. Please contact us if more infos are needed.
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