

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


Amadeus M 10

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

1.1 Product identifier	Amadeus M 10
1.3 Details of the supplier of the safety data sheet	MOLYDUVAL GmbH * Halskestr.6 * 40880 Ratingen * Germany * +49 (2102) 9757-00 * safety@molyduval.com
1.4 Emergency telephone number	+49 (2102) 9757-20 (24h)

## 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	 <p>signal word: Danger GHS08 Harmful H304 May be fatal if swallowed and enters airways P301+P330+P331 If swallowed: Rinse mouth. Do not induce vomiting. P405 Store locked up. P501 Dispose of contents and container in accordance with local regulations of the disposal.</p>
2.3 Other hazards	-

## SECTION 3: Composition - Information on Ingredients

3.1 Substance	Distillates (petroleum), solvent-dewaxed slightly paraffinic
3.2 Mixtures	Not applicable

## SECTION 4: First Aid Measures

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.
After Inhalation	Remove exposed person to fresh air.
After Skin Contact	Wash with plenty of soap and plenty of water. Consult a doctor if skin irritation persists.
After Eye Contact	Long lasting rinse Rinse opened with water, if necessary, use eye wash. If symptoms persist, seek medical advice.
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.
Most important symptoms and effects, both acute and delayed	Swallowing and subsequent vomiting: Risk of aspiration! Symptoms: cough, dyspnea, cyanosis, faltering or jerking respiration, intercostal confiscation and auscultation fine bubble rales and wheezing. Possibly occurs only after 24-48 hours and Ateminsuffizienz Ventilation need to (chemical pneumonitis). Other symptoms: loss of consciousness, depression of the central nervous system, headache, nausea, dry skin and dizziness.
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 (wetlung).

## 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. Run-off does not allow to enter drains or watercourses by firefighters.
5.3 Advice for firefighters	If necessary, use in case of fire, self contained breathing apparatus. Collect contaminated firefighting water separately, must not be discharged into drains. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations. Extinguishing measures to the surroundings. Standard procedure for chemical fires. Extinguishing measures to the surroundings.

## SECTION 6: Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures	Remove sources of ignition. Avoid skin contact.
6.2 Special Environmental Protection	Avoid entering into drains, water courses or soil. Fire or police agree, if the product has escaped into a water course or sewage system, or has contaminated the soil and plants.
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

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: 10 Flammable Liquids

## SECTION 8: Limiting and supervising the exposure / personal protection

8.1 Control parameters	Mittelwert: 5 mg/m <sup>3</sup> 8 Stunden. Form: Nebel Expositionsgrenzwert: 10 mg/m <sup>3</sup> 15 Minuten. Form: Nebel
8.2 Limitation and supervision of exposure - Personal Protective Equipment	Respiratory protection: Not required, except in case of aerosol formation. Avoid inhalation of vapors. Use respiratory protective device against the effects of fumes / dust / aerosol. Combination filter, eg. As DIN 3181 ABEK Hand protection: Gloves - oil resistant. Glove material: nitrile rubber, butyl rubber or fluoro rubber. Recommended thickness: = 0,4 mm. Penetration time of glove material Value for the permeation: Level = 480 min. The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of breakthrough time is recommended. Eye protection: Safety glasses Hygiene measures: Wash hands before breaks and immediately after handling the product. Keep working clothes separately. Take off all contaminated clothing immediately. Protective measures: Handle in accordance with good industrial hygiene and safety practice. Body protection: work clothes
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	Undefined
Appearance	like oil
Odour	typical
Boiling Point / Boiling Range	-
Melting Point / Melting Range	-
Flash Point	194 °C
Autogenous Ignition Temperature	-
Upper Explosion Limit	-
Lower Explosion Limit	-
Vapor Density	-
Specific Gravity, 20°C	0,86 g/cm <sup>3</sup>
Water Solubility	NOK
Viscosity, 40°C	12 mm <sup>2</sup> /s
VOC-Content	-

## SECTION 10: Stability and 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.

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10.4 Conditions to be avoided	No information available
10.5 Incompatible Materials	no information available
10.6 Hazardous products of instability / decomposition	no

## SECTION 11: Toxicological Information

Toxicological Information	Akute Toxizität: LC50 Einatmen Stäube und Nebel, Ratte-Männlich, Weiblich 5.53 mg/l 4h LD50 Dermal Kaninchen >5000 mg/kg LD50 Oral Ratte >5000 mg/kg Reizung/Verätzung: Haut - Erythem/Schorf Kaninchen 0.17 72 Stunden 7 Tage Haut - Ödem Kaninchen 0 72 Stunden 7 Tage Augen - Irisläsion Kaninchen 0 48 Stunden 72 Stunden Augen - Rötung der Bindehäute Kaninchen 0.33 48 Stunden 72 Stunden
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	Prolonged or repeated skin contact may tend to remove natural skin oils, thus leading to possible irritation.
Symptoms after Inhalation	Irritation of mucous membranes
Symptoms after eye contact	Prolonges or repeated contact may tend to irritate.
Other information	No sensitizing effects known.
Toxicological Tests	There are no human toxicological data.
Further Toxicologic Effects	The product is classified acc to 1272/2008 [CLP]

## 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.
12.3 Bioaccumulative potential	not information available
12.4 Mobility in soil	No information available
12.5 Results of PBT and vPvB assessment	No information available
12.6 Other adverse effects	No information available

## 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

14.1 UN-No	Not classified as dangerous in the meaning of transport regulations
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	No information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

## SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture	DE: water polluting category: 1 DE: Employment restrictions concerning juveniles must be observed (§ 22 JArbSchG). DE: TRG 300, limitation of use: The protection against hazardous substances serving employment restrictions under Maternity Protection Directive and youth employment law must be observed.
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15.2 Chemical safety assessment

Labelling according to EU-guidelines 1999/45 EG

## SECTION 16: Further Information

16.1 Full text of the dangers in section 2 and 3

GHS08 Harmful

H304 May be fatal if swallowed and enters airways

P301+P330+P331 If swallowed: Rinse mouth. Do not induce vomiting.

P405 Store locked up.

P501 Dispose of contents and container in accordance with local regulations of the disposal.

16.2 Further Information

The information in this SDS is correct to the best of our knowledge at the time of its publication. The information is intended to give you advice about the safe handling of the product named in this safety during storage, processing, transport and disposal. The details are not transferable to other products. The information given in this safety combination with any other materials or in any process, or undergoes processing, can use the information in this SDS, to the extent that it does not specifically indicate otherwise, are not transferred to the new made material. The material data referred to in item 9 are safety information, but no guarantees on properties. Warranties are excluded without clarification of the technical intended use and the operating conditions. If you have further questions we are available.