

· **1.1 Product identifier**

· **Identification of the substance / mixture: Avalon Hard oil and sealant**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.**

· Sector of use SU21 Consumer uses: Private households / general / consumers SU22 Commercial uses: Public sector (administration, education, entertainment, services, crafts)

· **Use of the substance / mixture Care products**

· **1.3 Details of the supplier of the safety data sheet**

· Name of the company : Company name: Abschliff Street: Ohlauer Straße 40 City: 10999 Berlin Telephone: 030/6100990
E-Mail: info@abschliff.de Internet: www.abschliff.de Providers

· Information: Central E-Mail: info@abschliff.de

· **1.4 Emergency telephone number: +49 (0) 30/6100990**

· **2.1 Classification of the substance or mixture**

· Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

· Classification according to Directive 67/548 / EEC or Directive 1999/45 / EC The product is not classified as dangerous according to the classification rules of the "General Classification Guidelines for Preparations of the EC" as issued in the latest version.

· Information concerning particular hazards for human and environment: Cloths and pads soaked in product can self-ignite due to auto-oxidation. The product is not classified as dangerous according to the classification rules of the "General Classification guideline for preparations of the EU" in the latest valid version.

· Classification system: The classification corresponds to the current EC lists, but is supplemented by information from the specialist literature and by company information.

· **2.2 Label elements**

· **Labeling according to Regulation (EC) No 1272/2008 Void**

· **Hazard pictograms Void**

· **Signal word Void**

· **Hazard statements Void**

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· PBT: Not applicable.

· VPvB: Not applicable.

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Identification of Substance / mixture: Avalon Hard oil and oil seal

· 3.2 Chemical characterization: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components: CAS: 64742-48-9 EC-Number: 918-481-9 Index number: 649-327-00-6 Reg.nr .: 01-2119457273-39

Hydrocarbons, C10-13, n-alkanes, iso -Alkanes, <2%

25-50% aromatics

(2-methoxymethylethoxy) -propanol substance with a Community workplace exposure limitphrases refer

1-5%

· Additional information: For the wording of the listed riskto section 16 ,

· 4.1 Description of first aid measures

· General informationaffected person to fresh air. No special actions required.

· After inhalation: Supply fresh air, consult doctor in case of complaints.

· After skin contact: In general, the product is not irritating to the skin.

· After eye contact: Rinse eyes under running water for several minutes with the eyelid wide open. If symptoms persist consult a doctor.

· After swallowing: Rinse mouth and drink plenty of water.

· 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

· 5.1 Extinguishing media

· Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fire with water spray or alcohol resistant foam.

· For safety reasons unsuitable extinguishing agents: Not applicable

· 5.2 Special hazards arising from the substance or mixture No further relevant information available.

· 5.3 Advice for firefighters

· Protective equipment: No special measures required.

· Additional information Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

· 6.1 Personal precautions, protective equipment and emergency proceduresadequate ventilation.

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Xn R65 R66

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Identification of the substance / mixture : Avalon Hard Oil and Sealprecautions

- 6.2 Environmental: Do not discharge into drains / surface waters / groundwater.
- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, kieselguhr, acid binder, universal binder, sawdust).
- 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.for safe handling See
- 7.1 label and technical product information note. No special actions required.
- Information about protection against explosions and fires: Cloths and pads impregnated with the product may self-ignite due to autoxidation.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

· **Requirements to be met by storerooms and receptacles: Keep only in the original container.**

· **Information about storage in one common storage facility: Not required.**

· Further information about storage conditions: Keep container in a well-ventilated place.

· Storage class: 10/12. Classification according to the VCI concept.

· **Classification according to Betriebssicherheitsverordnung (BetrSichV): -(s)**

· 7.3 Specific end use No further relevant information available.

GiSCode Ö60 Exposure

· **Additional information about design of technical systems: No further indications, see section 7.**

8.1 parameters values

Control- Exposure limit: (2-methoxymethylethoxy) -propanol AGW Long-term value: 310 mg / m³, 50 ml / m³

1 (l); DFG, EU, 11

- DNEL values are not available.
- PNEC values Values not available.
- Additional information: The lists valid at the time of creation served as a basis.

8.2 Exposure controls

Occupational exposure controls:

- General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not required for good room ventilation. For short term or low load respiratory filter device; in case of intensive or prolonged exposure use self-contained breathing apparatus. Filter A / P2
- Protection of hands: Impervious gloves
- Material of gloves The glove material has to be given for the product / the substance / the preparation impermeable and resistant.

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- Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Goggles recommended during refilling.
- Body protection: Lightweight protective clothing.

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid Color: Yellowish

· Odor: MildOdor

·threshold: Not determined.

· PH: Not determined.

· Change in condition

Melting point / Melting range: Undetermined. Boiling point / Boiling range: 179 ° C

· Flash point: 65 ° C (Seta Flash Closed Cup)

· **Flammability (solid, gas): Not applicable.**

· **Ignition temperature:> 235 ° C**

· **Decomposition temperature: Not determined.**

· Self-igniting: The product is not self-igniting.

· Danger of explosion: The product is not explosive.

· Explosion limits:

Lower: Not determined. Upper: Not determined.

· Vapor pressure: Not determined.

· **Density at 20 ° C: 0,86 g / cm3**

· Relative density Not determined.

· Vapor density Not determined.

· **Evaporation rate Not determined.**

· Solubility in / Miscibility with

water: Not miscible.

· **Partition coefficient (n-octanol / water): Not determined.**

· Viscosity:

Dynamic: Not determined. Kinematic at 20 ° C: 57 s (ISO 3 mm)

· Solvent content:

Organic solvents: 49%content

Solids: 51.0%

· 9.2 Other information No further relevant information available.

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reactivity10.1 Reactivity see "possibility of hazardous reactions"

· 10.2 Chemical stability no information

· conditions to be avoided: no decomposition if stored and handled.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

· 11.1 Information on toxicological effects

· Acute toxicity:

· LD / LC50 values that are relevant for classification: 64742-48-9 Hydrocarbons, C10-13, n-alkanes, iso-alkanes, <2% aromatics Oral LD50> 5000 mg / kg (rat) (OECD 401) Dermal LD50> 5000 mg / kg (rabbit) (OECD 402) Inhalative LC50 / 4h> 4951 mg / l (rat) (OECD 403)

· Irritation and corrosivity:

· on the Skin: No data available.

· On the eye: No data available.

· Sensitization: No sensitizing effects known.

· Additional toxicological information: The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

· 12.1 Toxicity

· Aquatic toxicity: No further relevant information available.

· 12.2 Persistence and degradability No further relevant information available.

· 12.3 Bioaccumulative potential No further relevant information available.

· 12.4 Mobility in soil No further relevant information available.

· Additional ecological information:

· General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not discharge to groundwater / bodies of water. Do not allow undiluted product or large quantities to reach drains.

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· VPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

· 13.1 Waste treatment methods

· Recommendation: Disposal must be made according to official regulations.

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Identification of Substance / mixture: Avalon Hard oil and seal

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

· 14.1 UN number

· ADR, ADN, IMDG, IATA Void

· 14.2 Proper shipping name

· ADR, ADN, IMDG, IATA Void

· 14.3 Transport

· ADR, ADN, IMDG, IATA

· Class Void

· 14.4 Packing group

· ADR, IMDG, IATA Void

· 14.5 Environmental hazards:

· Marine pollutant: No

· 14.6 Special precautions for user Not applicable.

· 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

· UN "Model Regulation": -

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

· National regulations

· Classification according to Betriebssicherheitsverordnung (BetrSichV):

· Technical instruction on air quality:

Class Percentage in%

NK 49

· Waterhazard class: Water hazard class 1 (self-assessment): slightly hazardous for water.

· 15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

This information is based on our current knowledge, but does not constitute an assurance of product characteristics and does not establish a contractual relationship.

· Relevant phrases H304 May be fatal if swallowed and enters airways. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking.

· **Department issuing Data Sheet**

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Identification of the substance / mixture: Avalon Hard oil and seal of oil

- Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par route (International Agreement on the International Carriage of Dangerous Goods by Road) IMDG: International Maritime International Air Transport Association (GHS): Globally Harmonized System of Classification and Labeling of Chemicals EINECS: European Inventory of Existing Commercial Chemicals Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (RE ACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent Asp. Tox. 1: Aspiration hazard, Hazard Category 1

*** Data changed from previous version**

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