

· **1.1 Product identifier**

· **Identification of the substance / mixture: Avalon Hlgh Solid Hard Oil**

· **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 Coating**

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

· Name of the company : ABSCHLIFF GmbH Ohlauer Straße 40 10999 Berlin Germany Tel.:030/6100990 Fax.:030/6175054Responsible

· Department: Application Technology Department 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.

· **3.2 Chemical characterization: Mixtures**

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

(Contd. On page 2)

GB

: 13.02.2015 (Of page 1)

40.0

Identification of the substance / of the mixture: Avalon High Solid Hard OilVoidphrases refer

· Dangerous components:

Additional information: For the wording of the listed riskto section 16.

· 4.1 Description of first aid measures

· General information: Immediately removeproduct. 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:the environment.

· 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 procedures Not required.

· 6.2 Environmental precautions: 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.

· 7.1for safe handling No special measures required.

· Information about protection against explosions and fires: No special measures required.

(Contd. On page 3)

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(Contd. Of page 2)

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· **7.2 Conditions for safe storage, including incompatibilities**

· **Storage:**

any. **Requirements to be met by storerooms and receptacles: No special requirements.**

· **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.

· **GiS Code Ö10 +**

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

· **8.1 Control parameters values**

· Exposure limit: The product does not contain any relevant quantities of workplace-related substances monitoring limits.

· 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.

· Protection of hands: Impervious gloves The glove material has to be impermeable and resistant to the product / the substance / the preparation. Due to lack of testing, no recommendation can be made on the glove material for the product / preparation / mixture of chemicals. Selection of the glove material considering the breakthrough times, permeation rates and the degradation.

· Material of gloves The glove material has to be impermeable and resistant to the product / the substance / the preparation. The selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the resistance of glove materials is not predictable and must therefore be checked before use.

· 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: Not required.

· Body protection: Lightweight protective clothing

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid Color: Brown

(Contd. On page 4)

GB

(Of page 3)

40.0

· **Odor: MildOdor**

· **threshold: Not determined ,**

· PH: Not applicable.

· **Change in condition**

Melting point / Melting range: Undetermined. Boiling point / Boiling range: Not determined.

· Flash point:> 100 ° C (Seta Flash Closed Cup)

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

· **Ignition temperature: 360 ° 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 applicable.

· **Density at 20 ° C: 0.93 g / cm3**

· Relative density Not determined.

· Vapor density Not applicable.

· **Evaporation rate Not applicable.**

· **Solubility in / Miscibility with**

Water: Insoluble.

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

· **Viscosity:**

Dynamic: Not applicable. Kinematic: Not applicable.

· **Solvent content:**

Organic solvents: 0.0%content:

Solids100.0%

· 9.2 Other information No further relevant information available.

· 10.1 Reactivity see section "Possibility of hazardous reactions"

· **10.2 Chemical stability no informationto specifications**

· Conditions to avoid: No decomposition if used according.

· **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.

EN (On page 5)

: 13.02.2015 (Of page 4)

40.0

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· 11.1 Information on toxicological effects

· Acute toxicity:

· 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 Disposal according to official regulations.

· Recommendation: Smaller quantities can be disposed of together with household waste.

· Uncleaned packaging:

· Recommendation: Non-contaminated packaging can be treated as household waste.

· 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 not applicable

(Contd. On page 6)

: 13.02.2015 (Continued from page 5)

40.0

Identification of the substance / mixture: Avalon High Solid Hard Oil

· 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): -

· Waterhazard class: WGK 1 (Self-classification): slightly hazardous to 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.

· Department issuing MSDS: Product Development Department

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· Abbreviations and acronyms: ADR: Accord européen sur le marchandises dangereuses par route (International Agreement on the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: 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 (DNEL): Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH)

· * data compared to the version altered

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