

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 15.12.2011

Revision: 08.12.2011

1 Identification of substance

- **Product details**
- **Trade name** Aidol HW Oil
- **Article number:** 0695
- **Application of the substance / the preparation** Wood treatment
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Lönningen / Germany
Tel.: 05432/83-0
Fax: 05432/3985
- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
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2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment**
R 10 Flammable.
R 53 May cause long-term adverse effects in the aquatic environment.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

· **Dangerous components:**

CAS: 90622-58-5 EINECS: 292-460-6	Alkanes, C11-15-iso-	Xn; R 53-65-66	40-60%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy	Xn; R 65-66	5-10%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy	Xn; R 10-65-66-67	1-2.5%
CAS: 64-17-5 EINECS: 200-578-6	ethanol	F; R 11	1-2.5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

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4 First aid measures**· General information**

Immediately remove any clothing soiled by the product.
When symptoms occur or in case of doubt, seek medical advice

· After inhalation No special requirements.**· After skin contact**

Wash immediately with water and soap and rinse thoroughly.
Apply rich skin creme.
If skin irritation continues, consult a doctor.

· After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· After swallowing Do not induce vomiting; call for medical help immediately.**5 Fire fighting measures****· Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

· For safety reasons unsuitable extinguishing agents Water with a full water jet.**· Special hazards caused by the material, its products of combustion or flue gases:**

Carbon monoxide (CO)

Carbon dioxide (CO₂)

· Protective equipment:

Wear self-contained breathing apparatus.
Do not inhale explosion gases or combustion gases.

· Additional information

Cool endangered containers with water spray jet.
Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures**· Person-related safety precautions:**

Do not breathe fumes/aerosol
Avoid skin contact. Avoid eye contact.
Ensure adequate ventilation

· Measures for environmental protection: Do not allow product to reach sewage system or water bodies.**· Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

7 Handling and storage**· Handling****· Information for safe handling:**

Avoid contact with skin and eyes.
Ensure good ventilation/exhaust in workplaces.

· Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.**· Storage****· Requirements to be met by storerooms and containers:** Store only in the original container.**· Information on storage in a common storage facility:** none**· Further information about storage conditions:** Keep container tightly closed.

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8 Exposure controls and personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Components with limit values that require monitoring at the workplace:**

64-17-5 ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

· **Additional information:** The lists that were valid during compilation were used as a basis.

· **Personal protective equipment**

· **General protective and hygienic measures**

Observe the usual precautionary measures when handling chemicals.

· **Respiratory equipment:**

Not necessary if room is well-ventilated.

In case of insufficient ventilation, use respiratory protection:

Filter A/P2.

· **Protection of hands:** Solvent resistant gloves

· **Material of gloves:** Nitrile rubber, NBR

· **Penetration time of glove material**

Break through time: max. 240 min (DIN EN 374).

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed safety glasses.

if there is a risk of splashes

9 Physical and chemical properties:

· **General Information**

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: 187°C

· **Flash point:** 53°C

· **Self-inflammability:** Product is not self-igniting.

· **Danger of explosion:** Product is not explosive. However, formation of dangerous explosive vapour/air mixtures is possible.

· **Explosive Limits:**

Lower: 3.5 Vol %

Upper: 15.0 Vol %

· **Vapour pressure at 20°C:** 1.7 hPa

· **Density at 20°C:** 0.84 g/cm³

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix

· **Viscosity:**

kinematic at 20°C: > 60 s (ISO 3mm)

· **Solvent content:**

Organic solvents: ca. 65 %

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Solid content:	35.0 %
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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Light irritating effect possible.
- **on the eye:** May cause irritation.
- **Sensitisation:** No sensitising effect known.
- **Additional toxicological information:**
The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to directions, the product does not have any harmful effects according to our experience and the information available.

12 Ecological information:

- **General notes:**
Water hazard class 1 : slightly hazardous to water.
according to appendix 4 VwVwS
Do not allow undiluted or larger quantities of the product to reach ground water, bodies fo water or sewage system.

13 Notes on disposal:

- **Product:**
- **Recommendation**
Do not dispose of together with household garbage. Do not allow product to reach sewage system.
Liquid material remains are to be disposed of at collection facilities for old varnishes.
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

· **European waste catalogue**

08 01 11	waste paint and varnish containing organic solvents or other dangerous substances
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -
- **Remarks:** In drums/vessels < 450 litre:
Transport according to annotations 2.2.3.1.5 ADR because of high viscosity

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- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Marine pollutant:** No
- **Remarks:** In drums/vessels < 30 litres:
Transport in accordance with paragraph 2.3.2.5 of the IMDG Code

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1993
- **Label:** 3
- **Packaging group:** III
- **Correct technical name:** FLAMMABLE LIQUID, N.O.S. (Alkanes, C11-15-iso-)

15 Regulatory information

- **Designation according to EC guidelines:**
The product has been classified and labelled in accordance with EC Guidelines / Ordinance on Hazardous Materials (GefStoffV)
Observe normal safety precautions for handling chemicals
- **Risk phrases:**
10 Flammable.
53 May cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**
2 Keep out of the reach of children.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.
- **Special labelling of certain preparations:**
Contains 2-butanone oxime. May produce an allergic reaction.
- **National regulations**
- **Water hazard class:**
Water hazard class 1: slightly hazardous to water.
according to appendix 4 VwVwS

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.
Delivery specifications are found in the respective Technical Information Sheets.

- **Relevant R-phrases**
10 Flammable.
11 Highly flammable.
53 May cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.
- **Department issuing data specification sheet:** Product Safety department