

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.06.2010

Revision: 17.06.2010

1 Identification of substance

- **Product details**
- **Trade name** Aidol Wood Cream
- **Article number:** 2714-23
- **Application of the substance / the preparation** Wood preservatives
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
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D-49624 Lönningen / Germany
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2 Hazards identification

- **Hazard designation:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**
R 43 May cause sensitisation by skin contact.
R 66 Repeated exposure may cause skin dryness or cracking.
- **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: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulfurized heavy	Xn; R 65	20-40%
CAS: 64742-47-8 EINECS: 265-149-8	Distillates (petroleum), hydrotreated light	Xn; R 65-66	10-20%
CAS: 64742-94-5 EINECS: 265-198-5	Solvent naphtha (petroleum), heavy arom.	Xn, N; R 51/53-65-66-67	1-2.5%
CAS: 55406-53-6 EINECS: 259-627-5	3-Iodo-2-propynylbutylcarbamate	T, Xi, N; R 20/22-23-41-50	1-2.5%

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CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime	Xn, Xi; R 21-40-41-43	≤0.5%
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· **Additional information**

For the wording of the listed risk phrases refer to section 16.

Benzene content: < 0,1% Note P is applicable. It is not necessary to classify nor to mark the product as carcinogenic (R 45). (Recommendation 94/69/EG (21. ATP))

4 First aid measures

· **General information**

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest, provide artificial respiration.

· **After inhalation**

Take affected persons into the open air and position comfortably

Seek medical treatment in case of complaints.

· **After skin contact**

Wash immediately with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

Keep the person affected quiet.

· **Information for doctor**

· **The following symptoms may occur:**

In case of prolonged/repeated exposure or in high concentrations:

Headache

Dizziness

5 Fire fighting measures

· **Suitable extinguishing agents**

Fire-extinguishing powder

Alcohol-resistant foam

Carbon dioxide

Water spray jet

· **Special hazards caused by the material, its products of combustion or flue gases:**

Formation of toxic gases is possible during heating or in case of fire.

· **Protective equipment:** Wear self-contained breathing apparatus.

· **Additional information**

Cool endangered containers with water spray jet.

Collect contaminated fire fighting water separately. It must not enter drains.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

· **Person-related safety precautions:**

Particular danger of slipping on leaked/spilled product.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

Ensure adequate ventilation

· **Measures for environmental protection:**

Do not allow to enter sewage system, surface or ground water.

Do not allow to enter the ground/soil.

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- **Measures for cleaning/collecting:**
Collect mechanically.
Send for recovery or disposal in suitable containers.
Ensure adequate ventilation.
- **Additional information:** See Section 13 for information on disposal.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Use only in well ventilated areas.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Fumes can combine with air to form an explosive mixture.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information on storage in a common storage facility:** Store away from food.
- **Further information about storage conditions:**
Store cool and dry in tightly closed containers.
Store container in a well ventilated position.
Protect from frost.
Protect from heat and direct sunlight.

8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from food, beverages and animal feed.
Immediately remove soiled, saturated clothing.
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.
Wash hands before pauses and after work.
Avoid contact with eyes and skin.
Do not inhale gases / vapours / aerosols.
- **Respiratory equipment:**
In case of a risk of inhaling, wear half-mask with combination filter for organic vapours and particles.
Filter A/P2.
- **Protection of hands:** Protective 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:**
Safety glasses
if there is a risk of splashes
- **Body protection:** Protective work clothing.

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9 Physical and chemical properties:

· General Information

Form:	Pasty
Colour:	Different, according to dye
Odour:	Characteristic

· Change in condition

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

· **Flash point:** 68°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:	1.1 Vol %
Upper:	7.0 Vol %

· **Density at 20°C** 0.88 g/cm³

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix

· Viscosity:

dynamic at 20°C: 1500 mPas

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.
No decomposition if handled and stored according to specifications.
Avoid: heat, flames, sparks

· Dangerous reactions

Used empty containers may contain product gases which form explosive mixtures with air

· Dangerous decomposition products:

None if used properly.
None if stored properly.

11 Toxicological information

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

Oral	LD50	> 2000 mg/kg (Ratte)
Dermal	LD50	> 2000 mg/kg (Kaninchen)
Inhalative	LC50/4 h	> 5 mg/l (Ratte)

64742-47-8 Distillates (petroleum), hydrotreated light

Oral	LD50	> 2000 mg/kg (Ratte)
Dermal	LD50	> 2000 mg/kg (Kaninchen)
Inhalative	LC50/4 h	> 5 mg/l (Ratte)

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral	LD50	> 2000 mg/kg (Ratte)
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Dermal	LD50	> 2000 mg/kg (Kaninchen)
Inhalative	LC50/4 h	> 5 mg/l (Ratte)

- **Primary irritant effect:**
- **on the skin:**
Dries skin out.
Light irritating effect possible.
- **on the eye:** Light irritating effect possible.
- **Sensitisation:** Prolonged exposure by skin contact may have a sensitising effect.
- **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information:

- **Ecotoxicological effects:**
- **Remark:** Harmful to algae
- **General notes:**
Water hazard class 2 : hazardous to water.
Do not allow product to reach ground water, bodies of 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.
Must be specially treated in compliance with official regulations.
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

03 02 05	other wood preservatives containing dangerous substances
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- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations.
Only completely empty containers may be recycled.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -

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

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

15 Regulatory information

- **Designation according to EC guidelines:**
The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).
Observe normal safety precautions for handling chemicals

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Benzene content: < 0,1%. Note P is applicable. It is not necessary to classify nor to mark the product as carcinogenic (R 45). (Recommendation 94/69/EG (21. ATP))

· **Code letter and hazard designation of product:**



Xi Irritant

· **Hazard-determining components of labelling:**

3-Iodo-2-propynylbutylcarbamate

· **Risk phrases:**

43 May cause sensitisation by skin contact.
66 Repeated exposure may cause skin dryness or cracking.

· **Safety phrases:**

2 Keep out of the reach of children.
13 Keep away from food, drink and animal feedingstuffs.
20/21 When using do not eat, drink or smoke.
24 Avoid contact with skin.
36/37 Wear suitable protective clothing and gloves.

· **Special labelling of certain preparations:**

Contains Fatty acids, C6-19-branched, cobalt(2+) salts, 2-butanone oxime. May produce an allergic reaction.

· **Product Code:** HSM-LV 30

· **National regulations**

· **Water hazard class:** German Water hazard class 2: hazardous to water.

· **Other regulations, limitations and prohibition ordinances**

Wood preservatives contain bicidal ingredients to protect wood from pests. They should only be used according to directions and only where protective measures are required. Misuse may harm your health. Observe the usual protective measures when working and for storage.

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**

20/22 Harmful by inhalation and if swallowed.
21 Harmful in contact with skin.
23 Toxic by inhalation.
40 Limited evidence of a carcinogenic effect.
41 Risk of serious damage to eyes.
43 May cause sensitisation by skin contact.
50 Very toxic to aquatic organisms.
51/53 Toxic to aquatic organisms, 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