

## Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.08.2007

Revision: 31.07.2007

### 1 Identification of substance

- **Product details**
- **Trade name** Aidol LT Stain
- **Article number:** 2234-48
- **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  
E-Mail: sales@remmers.co.uk
- **Emergency information:**  
during working hours:  
U.K.: Tel.: +44 (0) 845 373 0103  
Far East: Tel.: +65( 0) 67410277  
Head Office Germany: Tel.: +49 (0)5432 83 185  
after working hours: Tel.: +49 (0)171/6428-297

### 2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment**  
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**

- **Dangerous components:**

CAS: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulfurized heavy	Xn; R 65-66	40-<60%
CAS: 64742-47-8 EINECS: 265-149-8	Distillates (petroleum), hydrotreated light	Xn; R 65-66	20-<40%
CAS: 1330-20-7 EINECS: 215-535-7	xylene, mixed isomers, pure	Xn, Xi; R 10-20/21-38	1-<2.5%
CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime	T, Xi; R 43-48/25-52/53	≤1.0%

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

### 4 First aid measures

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

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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.

· **After swallowing** Do not induce vomiting. Do not give anything to drink. Call a doctor immediately!

· **Information for doctor**

· **The following symptoms may occur:**

Dry skin

Skin contact may cause irritation.

· **Danger** Long-term or repeated exposure may cause inflammation of the skin (dermatitis).

· **Treatment**

symptomatic treatment

To avoid dermatitis (skin inflammation), use skin cream.

## 5 Fire fighting measures

· **Suitable extinguishing agents**

Foam

Water spray jet

Water mist

Dry extinguishing agents, carbon dioxide, sand or earth should only be used for small fires.

· **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:**

May be released in case of fire

Carbon monoxide (CO)

(in case of incomplete combustion)

Not rated as flammable, however, it is combustible.

· **Protective equipment:**

Wear full protective suit.

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:**

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

Ensure adequate ventilation

· **Measures for environmental protection:**

Do not allow product to reach sewage system or water bodies.

Do not allow to enter the ground/soil.

Prevent from spreading (e.g. by confining or oil barrier).

· **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Send for recovery or disposal in suitable containers.

Clean soiled surfaces with detergent.

Treat washing liquid as special refuse.

Ensure adequate ventilation.

Place leaking containers in a marked drum or recovery drum.

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- **Additional information:**  
See Section 13 for information on disposal.  
Fumes can combine with air to form an explosive mixture.

## 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.  
Protect against electrostatic charges.  
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 heat and direct sunlight.  
Protect from frost.  
Do not smoke in storage areas. Storage temperature: room temperature.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** Use only in well-ventilated areas.
- **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**  
Immediately remove soiled, saturated clothing.  
Keep away from food, beverages and animal feed.  
Do not eat, drink or smoke while working.  
Apply solvent-resistant skin protection preparation before beginning work.  
Wash hands before pauses and after work.  
Avoid contact with eyes and skin.  
Do not inhale gases / vapours / aerosols.
- **Respiratory equipment:**  
Not necessary if room is well-ventilated.  
In case of insufficient ventilation, use respiratory protection:  
Short term filter device:  
Filter A (brown)
- **Protection of hands:** Solvent resistant gloves
- **Material of gloves:** Nitrile rubber, NBR
- **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:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

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## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Different, according to dye
<b>Odour:</b>	Solvent-like

### · Change in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined

· **Flash point:** > 61°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:

<b>Lower:</b>	0.6 Vol % white spirit
<b>Upper:</b>	6.1 Vol % white spirit

· **Density at 20°C** 0.89 g/cm<sup>3</sup>

### · Solubility in / Miscibility with

**Water:** Not miscible or difficult to mix

· **Distribution coefficient (n-octanol/water):** white spirit

### · Viscosity:

**kinematic at 20°C:** 16 s (DIN 53211/4)

## 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

· **Materials to be avoided:** none known

### · 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)

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

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

- **Primary irritant effect:**

- **on the skin:**

No irritating effect.  
Dries skin out.

- **on the eye:** No irritating effect.

- **Sensitisation:** No sensitising effect known.

- **Experience with humans:**

Frequent or longer lasting skin contact may degrease and dry out skin which may lead to skin irritation and inflammation (dermatitis).

- **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.

**12 Ecological information:**

- **Information on elimination (persistence and degradability):**

- **Other information:**

Data for white spirit (white spirit 60):  
Readily biodegradable (estimated).  
Fast photochemical oxidation in the air.  
Half-life in the environment: 1 - < 10 days (estimated).

- **Ecotoxicological effects:**

- **Acquatic toxicity:**

- **Type of test Effective concentration Method Assessment**

Data for white spirit (white spirit 60):  
Acute toxicity (fish): 10 < LC/EC/IC-50 < 100 mg/l slightly toxic  
Acute toxicity: 100 < LC/EC/IC-50 ≤ 1000 mg/l practically (invertebrates) non toxic  
Akute toxicity (alga): 10 < LC/EC/IC-50 < 100 mg/l slightly toxic Acute toxicity (bacteria) 10 < LC/EC/IC < 100 mg/l slightly toxic (estimated)

- **Behaviour in sewage processing plants:**

- **Type of test Effective concentration Method Assessment**

Data for white spirit (white spirit 60):  
10 < LC/EC/IC < 100 mg/l weakly toxic (estimated)

- **General notes:**

Water hazard class 2 : hazardous to water.  
Do not allow product to reach ground water, bodies of water or sewage system.  
according to appendix 4 VwVwS

**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 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish

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08 01 11 waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packaging:**
- **Recommendation:**  
Only completely empty containers may be recycled.  
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:** -

- **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
- **Risk phrases:**  
66 Repeated exposure may cause skin dryness or cracking.
- **Safety phrases:**  
23 Do not breathe fumes/aerosol.  
24 Avoid contact with skin.  
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, Fettsäuren, C6-19 verzweigt, Cobalt(2+)salze. May produce an allergic reaction.
- **Product Code:** M-KH 03
- **National regulations**
- **Technical instructions (air):**

Class	Proportion in %
I	≤1,0
III	60-<80
NK	1-<2,5
- **Water hazard class:**  
Water hazard class 2: hazardous to water.  
according to appendix 4 VwVwS
- **Other regulations, limitations and prohibition ordinances**
- **Professional Association (BG) Code of Practice:** M 017 "Solvents"

## 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.

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**· Relevant R-phrases**

- 10 Flammable.
- 20/21 Harmful by inhalation and in contact with skin.
- 38 Irritating to skin.
- 43 May cause sensitisation by skin contact.
- 48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.
- 52/53 Harmful 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.

**· Department issuing data specification sheet:** Product Safety department

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