1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Product name: Kåhrs Lacquer Refresher 1L
Product code: 710522

Use of the substance/preparation

Product use: Waterbased refresher for finished floors.

Company/undertaking identification

Manufacturer: Arboritec AB
Olof Wijksväg 9
444 65 Jörlanda
SWEDEN
Tel: +46 (0)303 56 330
Fax: +46 (0)303 56 332
post@arboritec.com

e-mail address of person: jorgen.kaldemark@arboritec.com

Emergency telephone number of the company: Arboritec AB, +46 (0)303 56 330

Emergency telephone number: 112

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification: Not classified.

Additional warning phrases: Safety Data Sheet available for professional user on request.

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or assigned an occupational exposure limit.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>EC number</th>
<th>%</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia solution</td>
<td>1336-21-6</td>
<td>215-647-6</td>
<td>1-2,5</td>
<td>C; R34 N; R50</td>
</tr>
</tbody>
</table>

See section 16 for the full text of the R-phrases declared above

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

Occupational exposure limits, if available, are listed in section 8.
4. FIRST AID MEASURES

First aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Recommended: alcohol-resistant foam, CO₂, powders, water spray.

Extinguishing media not to be used: Do not use water jet.

Special exposure hazards: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Due to the organic solvents content of the preparation:

Personal precautions: Exclude sources of ignition and ventilate the area. Avoid breathing vapor or mist. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Environmental precautions: Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

Methods for cleaning up: Preferably clean with a detergent. Avoid using solvents.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling: Due to the organic solvents content of the preparation:

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see section 8).

Never use pressure to empty. Container is not a pressure vessel.

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.
7. HANDLING AND STORAGE

Storage

Store in accordance with local regulations. Observe label precautions. Do not store below the following temperature: 5°C (41°F). Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight.

Due to the organic solvents content of the preparation:
Keep away from sources of ignition. Keep away from: oxidizing agents, strong alkalis, strong acids.
No smoking. Prevent unauthorized access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Exposure controls

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.

Occupational exposure limits

Not available

Environmental exposure controls

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Exposure controls

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapors below the OEL, suitable respiratory protection must be worn.

Respiratory system

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Recommended: particulate filter, P2-P3

Skin and body

Personnel should wear antistatic clothing made of natural fibers or of high-temperature-resistant synthetic fibers.

Hands

Wear suitable gloves. Recommended: Silver Shield gloves.

The recommendation for the type or types of glove to use when handling this product is based on information from the following source: Composition/information on ingredients. breakthrough time: Please contact your glove supplier to get the information.

Eyes

Use safety eyewear designed to protect against splash of liquids.

Do not allow to enter drains or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Liquid.

Flash point

Closed cup: 105°C (221°F) [ASTM 6450]

Relative density

1 g/cm³

VOC content

0 %

0 (g/l).

Dry content (%)

8

10. STABILITY AND REACTIVITY

Conditions to avoid

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products.

Materials to avoid

Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition products

Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Toxicokinetics

Distribution

Contains material which causes damage to the following organs: lungs, upper respiratory tract, eye, lens or cornea.
11. TOXICOLOGICAL INFORMATION

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 3 and 15 for details.

Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.

Do not allow to enter drains or watercourses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment but contains a substance or substances dangerous for the environment. See section 3 for details.

PBT : Not available
vPvB : Not available

13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains or watercourses.

Dispose of according to all federal, state and local applicable regulations.

European Waste Catalogue (EWC): 08 01 12
Hazardous waste : No.

14. TRANSPORT INFORMATION

Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Land - road/railway
Transport document name : -
Packing group : -

Sea
Proper shipping name : -
Special provisions : Not available
Marine pollutant substances : Not available
Packing group : -

Marine pollutant : Not available

Emergency schedules (EmS) : Not available

Air
Proper shipping name : -
Special provisions : Not available
Packing group : -

Proper shipping name : -
Packing group : -

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.
The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Other EU regulations

Additional warning phrases
Safety Data Sheet available for professional user on request.

Industrial use
The information contained in this safety data sheet does not constitute the user’s own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)
R34- Causes burns.
R50- Very toxic to aquatic organisms.

Date of issue/ Date of revision
2010-08-19.

Date of printing
2010-08-19.

Notice to reader
The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product’s properties.