



MATERIAL SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Product name: HARDWOOD FLOOR CLEANER LIQUID נוזל לניקוי פרקט

1. IDENTIFICATION OF THE FORMULATION AND COMPANY	
Product name	HARDWOOD FLOOR CLEANER LIQUID
Classification	An aqueous mixture of solvent, wax complex and detergent for cleaning and shining home & institutional floor
Hazard Symbol	Not regulated as a hazardous product
Supplier & Emergency information	COMPLEX CHEMICALS. LTD. Blue St. Misgav Industrial Area, Israel. Tel: 972-4-999-0630 Fax: 972-4-603-9408 ☎ Emergency: 972-52-247-8231 – Mr. Aviv: aviv_barshi@walla.com
Last modified	April 08, 2010

2. HAZARD IDENTIFICATION	
Hazard description	Not regulated as a hazardous product R36 - Irritating to eyes
Information concerning particular hazards for human and environment:	The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system	The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3. COMPOSITION INFORMATION ON INGREDIENTS	
Chemical characterization	N / A
Description	Mixture of substances listed below with nonhazardous additions.





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Dangerous components:	CAS: 9004-82-4 Sodium laureth sulfate (1-5%) Xi, R36/38; CAS: 111-76-2, 2-Butoxyethanol (0-1%) Xn R20/21/22; Xi R36/38 52-51-7 2-Bromo-2-nitro-propane-1,3-diol; (0.02%) Xn, R21 R22 R37 R38 R41 R52
Additional information	For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

General information	No special measures required.
After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Generally the product does not irritate the skin
After eye contact	Rinse opened eye for several minutes under running water.
After swallowing	If symptoms persist consult doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents	Any agent will qualify. For example: CO2, powder or water spray.
Protective equipment	No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions	Not required.
Measures for environmental protection	Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Additional information	No dangerous substances are released.





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7. HANDLING & STORAGE

Handling:	
Information for safe handling	No special measures required.
Information about fire - and explosion protection	No special measures required.
Storage:	
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:	None

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Additional information about design of technical facilities	No further data; see item 7.
Ingredients with limit values that require monitoring at the workplace (during production only)	
111-76-2, 2-Butoxyethanol (0-1%) TWA (8 hr exposure limit): 25 ppm STEL (15 min exposure limit): 50 ppm (OES)	
Additional information	The lists valid during the making were used as basis.
Personal protective equipment:	
General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection:	Not required.
Protection of hands:	During production stage, wear hand gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

9. PHYSICAL & CHEMICAL PROPERTIES

General Information	
Physical form	Clear water solution
Color	Clear Red / Violet / Green according to perfume






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Odor	Characteristic	
<u>Change in condition</u>		
Melting point/Melting range	Below 0°C	
Boiling point/Boiling range	Near 100°C	
Self-igniting	Product is not self igniting.	
Danger of explosion	Product does not present an explosion hazard.	
Vapour pressure at 20°C:	N/A	
Solubility in / Miscibility with water	Fully miscible.	
Density	0.95 ± 0.05 g/cm ³	20° /C
pH	7.5 ± 0.5	(10% solution in water)
Flash point	≥ 149° F (65° C)	P.M. closed cup
Volatile Organic Content	0.92	V.O.C.

10. STABILITY AND REACTIVITY

Stability in the original unopened container	Stable under ambient conditions. Shelf life exceeds 24 months.	
PAO – Period After Opening (Recommended usable shelf life after opening original container)	N/A	
<u>Reactivity:</u>		
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

<u>Acute toxicity:</u>		
Primary irritant effect		
on the skin	No irritant effect	
on the eye	Irritating effect.	
Sensitization	No sensitizing effects known.	





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Additional toxicological information	The product is not subject to classification according to the calculation method of the General EU 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. ECOLOGICAL INFORMATION	
Environmental fate and distribution:	
General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
BOD & COD	Most likely low BOD & COD
Degradation	Most ingredients (over 98%) are biodegradable

13. DISPOSAL CONSIDERATIONS

Product	
Recommendation	Smaller quantities can be disposed of with household waste.
Uncleaned packaging	
Recommendation	Disposal must be made according to official regulations.
Recommended cleansing agents	Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

Road & rail transport	Not regulated under ADR & RID as hazardous
Sea transport	Not regulated under IMDG code as hazardous
Air transport	Not regulated under ICAO code as hazardous

15. REGULATORY INFORMATION - EEC directive Labeling

Risk Phrase	R36	Irritating to eyes
National regulations:		





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Technical instructions (air):	Class Share	in %
	NK	8.0

16. OTHER INFORMATION

All the information supplied in this data sheet is based on the current knowledge available to COMPLEX at the time of revision. For further information or clarification of data and any relevant information available on the product and the safety of handling it, please contact COMPLEX directly. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall COMPLEX be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

Relevant R-Phrases: (for paragraph 3 only)

- R20/21/22** – Harmful by inhalation, in contact with the skin or if swallowed
- R37** – Irritating to respiratory system
- R36/38** – Irritating to the eyes and skin
- R41** – Risk of serious damage to the eyes
- R52** – Harmful to aquatic organisms

