

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

1. Identification

1.1. Product identifier

Product Identity WOODWISE Hardwood Floor Cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended Use Mild acid-based cleaner

1.3. Details of the supplier of the safety data sheet

Company Name Design Hardwood Products, Inc.
15060 N.E. 95th St.
Redmond, WA 98052

Emergency Telephone No. 425-869-0859 (during business hours)

Customer Service: Design Hardwood Products, Inc. 425-869-0859

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin Irrit. 3;H316 Causes mild skin irritation. (Not adopted by US OSHA)

Eye Irrit. 2;H319 Causes serious eye irritation.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

[Prevention]:

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

[Response]:

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P332+313 If skin irritation occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

[Storage]:

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Acetic acid CAS Number: 64-19-7	1 - 5	Flam. Liq. 3;H226 Skin Corr. 1B; H314: 25% ≤ C < 90% Eye Irrit. 2; H319: 10% ≤ C < 25% Skin Corr. 1A; H314: C ≥ 90% Skin Irrit. 2; H315: 10% ≤ C < 25%	[1][2]
C9-C11 Synthetic Alcohol, Ethoxylated CAS Number: 68439-46-3	1 - 5	Skin Irrit. 2;H315 Eye Dam. 1;H318	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of 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.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes

Flush eyes immediately with large amounts of water for at least 15 minutes. Remove contact lenses. Lifts eye lids during eye washing to increase rinsing of whole eye. If irritation persists, get prompt medical attention.

Skin

Flush skin immediately with large amounts of water for at least 15 minutes. Remove contaminated clothing. If skin irritation persists, get prompt medical attention.

Ingestion

If swallowed, drink 1-2 glasses of milk or water and call physician promptly. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit.

4.2. Most important symptoms and effects, both acute and delayed

Overview

This product is a water base cleaner for Hardwood Floors and is a clear amber to translucent liquid with citrus odor that can cause eye and skin irritation. This product should not present any unusual hazards when used as directed.

Potential Health Effects Acute

Skin Contact: May cause skin irritation

Eye Contact: May cause moderate to severe irritation

Ingestion: Harmful if swallowed

Inhalation: Inhalation is not considered harmful

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

Potential Health Effects Chronic

Prolonged or repeated contact with this product may aggravate pre-existing disorders with eyes and skin.

See section 2 for further details.

Eyes

Causes serious eye irritation.

Skin

Causes mild skin irritation.

5. Fire-fighting measures

5.1. Extinguishing media

Foam, CO₂, Dry Chemical, Water, Etc.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Incomplete combustion may form CO and noxious and toxic fumes.

5.3. Advice for fire-fighters

Full protective gear should be worn when fighting all fires involving chemicals.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

LAND SPILLS

For small spills, use absorbent materials such as towels or absorbent powders. Put all material in proper waste disposal container with lid tightly covered.

For large spills dam or dyke spills, recover free flowing liquid and use absorbent material to dry area. Rinse area with water. Industrial Vacuum pump may be effective to recover large spills. Reuse recovered product if possible.

WATER SPILLS

Remove product from water surface by skimming or with suitable absorbents. This product contains surfactants that will cause it to disperse in water. Check with local environmental regulatory agencies for reporting requirements.

7. Handling and storage

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

7.1. Precautions for safe handling

Eye wash stations should be readily available. Avoid contact with eyes.
See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.
Incompatible materials: Strong oxidizing materials
Ideal Storage Temperature is 50-90°F. Avoid temperatures above 120°F.
Product will freeze. Take precautions to keep from freezing.
Keep container closed when not in use.
See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000064-19-7	Acetic acid	OSHA	TWA 10 ppm (25 mg/m ³)
		ACGIH	TWA: 10 ppm STEL: 15 ppm
		NIOSH	TWA 10 ppm (25 mg/m ³) ST 15 ppm (37 mg/m ³)
		Supplier	No Established Limit
0068439-46-3	C9-C11 Synthetic Alcohol, Ethoxylated	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000064-19-7	Acetic acid	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0068439-46-3	C9-C11 Synthetic Alcohol, Ethoxylated	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

Not required when used in properly ventilated areas.

Eyes

Protective safety glasses recommended

Skin

Protective gear including face shield, rubber boots & gloves, apron or rain gear should be worn depending on how and at what dilution rate the product is used. Use impermeable Neoprene or Nitrile gloves resistant to the product/substance/preparation.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Blue Liquid
Odor	Mild Citrus
Odor threshold	Not determined
pH	4 +/- 0.5 @ 1%
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	212°F
Flash Point	Not Applicable
Evaporation rate (Ether = 1)	> 1 (Butyl Acetate = 1)
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Applicable Upper Explosive Limit: Not Applicable
Vapor pressure (Pa)	Not Measured
Vapor Density	> 1 (Air = 1)
Specific Gravity	1.03 (Water = 1)
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
VOC Content	< 5%

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

No data available.

10.5. Incompatible materials

Strong oxidizing materials

10.6. Hazardous decomposition products

Incomplete combustion may form CO and noxious and toxic fumes.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Acetic acid - (64-19-7)	3,310.00, Rat - Category: 5	1,112.00No data available 4	No data available	No data available	16,000.00, Rat - Category: NA
C9-C11 Synthetic Alcohol, Ethoxylated - (68439-46-3)	5,100.00, Rat - Category: NA	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	3	Causes mild skin irritation. (Not adopted by US OSHA)
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Acetic acid - (64-19-7)	79.00, Pimephales promelas	65.00, Daphnia magna	73.40 (96 hr), Navicula seminulum
C9-C11 Synthetic Alcohol, Ethoxylated - (68439-46-3)	8.50, Pimephales promelas	2.686, Daphnia magna	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

Acetic acid (5,000.00)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

Ethylene Oxide

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

Ethylene Oxide

Proposition 65 - Male Repro Toxins (>0.0%):

Ethylene Oxide

New Jersey RTK Substances (>1%):

Acetic acid

Pennsylvania RTK Substances (>1%):

Acetic acid

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

Safety Data Sheet

WOODWISE Hardwood Floor Cleaner

SDS Revision Date:

09/29/2015

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

This Safety Data Sheet (SDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It's the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses, which infringe valid patents, or as extending a license under valid patents. This SDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It's the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

End of Document