Safety Data Sheet
WOODWISE White Oak Test Kit Reagent A

Revision Date:
9 October, 2026

Section 1. Identification

Product identifier

Product Identity WOODWISE White Oak Test Kit Reagent A

Other means of identification Not Applicable

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

Test Kit is a water mixture containing Sodium Nitrite used to test Oak Board to determine if White Oak is present.

Details of the supplier of the safety data sheet

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

Emergency

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

Customer Service: 425-869-0859

Section 2. Hazard(s) identification

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Acute toxicity(oral), category 4;H302	Harmful if swallowed.
Aquatic toxicity (acute), category 2;H401	Toxic to aquatic life.

Label elements



Warning

H302 Harmful if swallowed.
H401 Toxic to aquatic life.

[Prevention]

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.

[Response]

P301+312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.
P330 Rinse mouth.

[Storage]

No GHS storage statements

[Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium nitrite **CAS Number: 7632-00-0** **Synonyms: Natri nitrit, Nitrous acid, sodium salt**	**7 - 13**	**Oxidizing solid, category 3;H272** **Acute toxicity(oral), category 3;H301** **Aquatic toxicity (acute), category 1;H400**	**No data available**

The actual concentration or concentration range is withheld as a trade secret.
*PBT/vPvB - PBT, vPvM or vPvB-substance.
The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

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 Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Wash with plenty of soap and water to remove all product residues. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview Toxic if swallowed or inhaled. May cause irritation to skin, eyes, and respiratory tract.

Potential Health Hazards
Skin: Liquid or mist contact may cause irritation.
Eyes: Liquid or mist contact may cause irritation.
Inhalation: Inhalation of mists may cause irritation to respiratory tract. Mists are soluble and inhalation may result in toxic effects similar to ingestion.
Ingestion: Ingestion may irritate the gastrointestinal tract. Ingestion of large amounts of sodium nitrite can result in serious toxic effects including death. Sodium nitrite interferes

with the blood's ability to transport oxygen.

Delayed Effects
Sodium nitrite has no known delayed effects. (If sodium nitrite is used with amines found in certain cutting fluids, potentially carcinogenic nitrosamine compounds may be formed.)

Advice to Physician: Sodium nitrite forms methemoglobin in the blood stream. Treat accordingly.

Treat symptomatically. See section 2 for further details.

Ingestion Harmful if swallowed.

Section 5. Fire-fighting measures

Extinguishing media

Use flooding amounts of water or other agents.

DO NOT use dry chemicals containing ammonium phosphate.

Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of nitrogen.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

Material does not burn but is an oxidizing agent and may support combustion of other materials. Product decomposes about 608°F releasing toxic nitrogen oxides.

Wear self-contained breathing apparatus.

ERG Guide No. 171

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

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

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.
Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Avoid contact with skin and eyes. Do not breathe product mists or dusts. Avoid contact with combustible materials and acids.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: Acids, ammonium compounds, and reducing agents (particularly cyanides, thiocyanates and thiosulfates).
May ignite organic compounds and other combustible materials.

Store in a cool, dry place. Keep container closed. Do not store on wooden floors. Isolate from combustible materials.

See section 2 for further details. - [Storage]

Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
7632-00-0	Sodium nitrite	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Exposure controls

Respiratory	Use a NIOSH-approved respirator for spray mists or nitrogen oxide gases where required by atmospheric conditions.
Eyes	Wear safety goggles in any area where misty conditions may occur.
Skin	Wear long-sleeved shirt and pants. Impervious work aprons may be required for transfer of material from packages to processing equipment. Use impervious gloves (i.e. rubber) for routine handling.
Engineering 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 any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Provide eye bath and safety shower. 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.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Color	Clear to Slightly Yellow
Odor	Odorless
Odor threshold	Not Available
Melting point / freezing point	Not Applicable
Initial boiling point and boiling range	Approximately 120°C
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Applicable Upper Explosive Limit: Not Applicable
Flash Point	Not Applicable
Auto-ignition temperature	Not Applicable
Decomposition temperature	Decomposes about 608°F, releasing toxic nitrogen oxides
pH	7.2 - 9.5 (1% solution/water)
Kinematic viscosity	Not Available
Solubility in Water	Complete
Partition coefficient n-octanol/water (Log Kow)	Not Available
Vapor pressure (Pa)	Not Applicable
Relative Density	1.3
Vapor Density	Not Applicable
Evaporation rate (Ether = 1)	Not Applicable
VOC Content	None
Molecular Weight	69.0 for $NaNO_2$
Volatiles (by weight)	85 - 95% (as Water)

Other information

No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Normally stable. Avoid heating to dryness.

Possibility of hazardous reactions

Hazardous reactions may occur with acids, ammonium compounds, reducing agents (particularly cyanides, thiocyanates and thiosulfates).

Conditions to avoid

No data available.

Incompatible materials

Acids, ammonium compounds, and reducing agents (particularly cyanides, thiocyanates and thiosulfates). May ignite organic compounds and other combustible materials.

Hazardous decomposition products

Oxides of nitrogen.

Section 11. Toxicological information

Acute toxicity

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).

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
Sodium nitrite - (7632-00-0)	180.00, Rat - Category: 3	No data available.	No data available.	5.50, Rat - Category: NA	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
7632-00-0	Sodium nitrite	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	No
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
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

Possible routes of entry:
Inhalation, ingestion, skin contact, and skin absorption.

Symptoms and effects, both acute and delayed:
Toxic if swallowed or inhaled. May cause irritation to skin, eyes, and respiratory tract.

Potential Health Hazards
Skin: Liquid or mist contact may cause irritation.
Eyes: Liquid or mist contact may cause irritation.
Inhalation: Inhalation of mists may cause irritation to respiratory tract. Mists are soluble and inhalation may result in toxic effects similar to ingestion.
Ingestion: Ingestion may irritate the gastrointestinal tract. Ingestion of large amounts of sodium nitrite can result in serious toxic effects including death. Sodium nitrite interferes with the blood's ability to transport oxygen.

Delayed Effects
Sodium nitrite has no known delayed effects. (If sodium nitrite is used with amines found in certain cutting fluids, potentially carcinogenic nitrosamine compounds may be formed.)

Advice to Physician: Sodium nitrite forms methemoglobin in the blood stream. Treat accordingly.

Treat symptomatically.

Ingestion Harmful if swallowed.

Section 12. Ecological information

Toxicity

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Sodium nitrite - (7632-00-0)	0.11, Oncorhynchus mykiss	15.40, Daphnia magna	159.00, Tetraselmis chuii

Persistence and degradability
There is no data available on the preparation itself.
Bioaccumulative potential
Not Available
Mobility in soil
No data available.
Results of PBT and vPvB assessment
This product contains no PBT/vPvB/vPvM chemicals.
Other adverse effects
No data available.

Section 13. Disposal considerations

Waste treatment methods
Waste should not be released to sewers. Observe all federal, state, and local regulations when disposing of this substance.

Section 14. Transport information



	US DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN3082	UN3082	UN3082
UN proper shipping name	UN3082, Environmentally hazardous substances, liquid, n.o.s., (Sodium Nitrite), 9, III	Environmentally hazardous substances, liquid, n.o.s., (Sodium Nitrite)	Environmentally hazardous substances, liquid, n.o.s., (Sodium Nitrite)
Transport hazard class(es)	Class: 9 Sub Class: Not Applicable	Class: 9 Sub Class: Not Applicable	Class: 9 Sub Class: Not Applicable
Packing group	III	III	III

Environmental hazards

IMDG Marine Pollutant: No;

Special precautions for user

Not Applicable

Section 15. Regulatory information

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

Classification of the substance or mixture under OSHA's Hazard Communication Standard (1910.1200) revised 2024 (GHS revision 7).

Toxic Substance Control Act (TSCA)

Sodium Nitrite (CAS #7632-00-0) is subject to TSCA 12(b) Export Notification.
TSCA Section 5(a)(2) Significant New Use Rule (SNUR) for Existing Chemicals: Sodium Nitrite (CAS #7632-00-0), Restricted use as an ingredient in metalworking fluids (as defined in 40 CFR 721.3) containing amines (40 CFR 721.4740).

CAS Number	Ingredient	Toxic Substance Control Act (TSCA)	Comments	Status
0007632-00-0	Sodium nitrite	Yes	S	ACTIVE

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:

Sodium nitrite

Proposition 65 - Carcinogens (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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

Proposition 65 - Male Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16. Other information

Revision Date 9 October, 2026

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:

H272 May intensify fire; oxidizer.

H301 Toxic if swallowed.

H400 Very toxic to aquatic life.

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.

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