

## MATERIAL SAFETY DATA SHEET

### \*\*\*\*\* SECTION 1 - COMPANY INFORMATION \*\*\*\*\*

NAME: Knight Chemicals LLC  
ADDRESS: 7320 West Florist  
Milwaukee, WI 53218  
TELEPHONE: 414-461-0100  
FAX: 414-461-0903

EMERGENCY TELEPHONE NUMBER: Call Knight Chemicals LLC at 800-825-8750 for emergencies involving a spill, leak, fire, exposure, or accident.

### \*\*\*\*\* SECTION 2 - PRODUCT IDENTIFICATION \*\*\*\*\*

Product Trade Name: ORGANICLEAR™ WR-5 Penetrating Wood Coating  
Chemical Name: None  
Chemical Family: None  
Molecular Formula: None  
CAS Number: None - Mixture  
Hazard Rating (HMIS/NFPA):  
HEALTH: 3 FLAMMABILITY: 2 REACTIVITY: 1 PERSONAL PROTECTION: B

### \*\*\*\*\* SECTION 3 - HAZARDOUS INGREDIENTS \*\*\*\*\*

<u>Chemical</u> <u>(OSHA)</u>	<u>Wt. %</u>	<u>CAS No.</u>	<u>TLV (ACGIH)</u>	<u>PEL</u>
3-Iodo-2-propynyl butyl carbanate	1	55406-53-6	Not Applicable	None Established
2-(Thiocyanomethyl thio)benzothiazole	1	55406-53-6	Not Determined	Not Determined
Aromatic hydro- carbon Solvent	90	64742-95-6	100ppm	Not Determined

### \*\*\*\*\* SECTION 4 - PHYSICAL DATA \*\*\*\*\*

Boiling Point: >300°F  
Vapor Pressure: <10 mm Hg at 20°C  
Vapor Density: Approximately 4  
Solubility in Water: Immiscible in water  
Specific Gravity: 0.8 (min.)  
Appearance: Light amber color solution

Odor: Slight, sweet-smelling, aromatic  
Evaporation Rate: (n-butyl acetate=1) 0.1 approximately  
% Volatile by volume: 93%

\*\*\*\*\* SECTION 5 - FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

Flash Point: 110°F  
Method Used: Tag closed cup  
Flammable Limit @ 77°F: (Approximate)  
LEL 1%  
UEL 7%

Auto ignition temperature: Approximately 450°F

Extinguishing Media: Use dry chemical, carbon dioxide, foam or water spray.

Fire and Explosion Hazards: When heated (fire conditions), vapors/decomposition products may be released forming flammable/explosive mixtures in air. Closed containers may explode when exposed to extreme heat (fire).

Fire-Fighting Equipment: Wear complete fire service protective equipment, including full-face MSHA/NIOSH approved self-contained breathing apparatus. Use water to cool fire-exposed containers/structures. Protect personnel. Toxic vapors may be given off in a fire.

Unusual Fire and Explosion Hazards: Rags and waste paper containing this product may heat and burn spontaneously. The time frame and conditions under which spontaneous combustion will occur are unpredictable. Waste materials should therefore be promptly disposed of by discarding in a water filled container or by burning. If rags or other application materials are to be set aside for a period of time, they must be placed in an airtight container until disposal. Do not store with strong oxidizing materials.

\*\*\*\*\* SECTION 6 - REACTIVITY DATA \*\*\*\*\*

Stability: (Conditions to Avoid) None-Stable

Incompatibility: (Specific Materials to Avoid) Avoid contact with strong oxidizing agents (e.g. liquid chlorine, hypochlorites, nitrates, etc.), strong bases and strong acids.

Hazardous Decomposition Products: Thermal decomposition may release carbon dioxide, carbon monoxide, aldehydes, halogenated compounds and iodine vapors.

Hazardous Polymerization: Hazardous polymerization does not occur.

\*\*\*\*\* SECTION 7 - ENVIRONMENTAL AND DISPOSAL INFORMATION \*\*\*\*\*

Action to take for spills/leaks: Evacuate all non-essential personnel. Remove all sources of ignition. Ventilate the area. For large spills, dam area to prevent spill from entering fish-bearing water. Pump into appropriate container. Dispose of as below. For small spills, spread absorbent material over spill. Sweep up when completely absorbed.

Disposal Method: Place used absorbent material in leak-proof container with lid. Then place in trash. Liquid wastes should be taken to a Waste Disposal Facility. Containers can be offered for recycling or triple rinse and dispose of in an approved landfill.

\*\*\*\*\* SECTION 8 – HAZARDS IDENTIFICATION \*\*\*\*\*

Primary Route of Entry: Splashing into eyes or onto skin.

Eye: Moderate to severe irritation to include redness, tearing and possible corneal injury unless washed from eyes promptly.

Skin Contact: Prolonged or repeated exposure can cause moderate irritation, defatting and dermatitis. Ingredients may cause skin sensitization.

Ingestion: Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects. Ingestion of large amounts may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause lung damage.

Inhalation: Short-term inhalation is low. Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in narcosis.

\*\*\*\*\* SECTION 9 - FIRST AID MEASURES \*\*\*\*\*

Eyes: Immediately flush with large amounts of water for 15 minutes. Then see a physician.

Skin: Immediately flush with large amount of water for 15 minutes. Remove contaminated clothing. Wipe material from skin. Wash thoroughly with soap and water or waterless hand cleaner. If irritation persists, seek medical aid. Wash contaminated clothing thoroughly before re-use.

Ingestion: Call a physician or Poison Control Center. Keep person warm and quiet. **DO NOT INDUCE VOMITING!**

Inhalation: Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration or oxygen as indicated. Call a physician immediately.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression or convulsion may be needed.

\*\*\*\*\* SECTION 10 - HANDLING PRECAUTIONS \*\*\*\*\*

Exposure Guidelines: Avoid eye and skin contact.

Ventilation: Provide sufficient general area/local exhaust ventilation.

Respiratory Protection: Not required under normal use conditions.

Skin Protection: Wear plastic or rubber gloves, long-sleeve shirts and long pants. If the product is being applied by sprayer, wear impervious protective garments such as body-protective clothing and face-shields.

Eye Protection: Industrial safety glasses or goggles required. Eye-wash fountains in the work area are recommended.

\*\*\*\*\* SECTION 11 - ADDITIONAL INFORMATION \*\*\*\*\*

Special precautions to be taken in handling and storage: Avoid prolonged or repeated contact with skin or eyes. Observe good personal hygiene practices and recommended procedures.

STORAGE: Keep in a closed, labeled container within a cool, dry, ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

OTHER: Do not take internally. Do not use until manufacturer's precautions have been read/understood. Wash exposed areas promptly and thoroughly after skin contact and before eating, drinking, using tobacco products or restrooms.

IATA SHIPPING INFORMATION: Flammable liquid, corrosive, N.O.S., (Petroleum products: Hydrocarbon solvents) Class 3, UN 1268 P.K.G. III, (ERG Guide 132)

NOTICE: This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate, but there is no warranty, either expressed or implied, regarding its accuracy or completeness. Certain health and safety precautions given in this data sheet may not be adequate for all individuals and/or situations. It is the user's responsibility to use this product safely.

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