

# SAFETY DATA SHEET

## ORGANICLEAR™ WR5 – Penetrating Wood Coating

MSDS NO.: KCWS001

Rev Date: 03-12-2015

Rev. Num. 00

### 1. IDENTIFICATION:

COMPANY NAME: Knight Chemicals LLC  
ADDRESS: 7320 W. Florist Ave  
Milwaukee, WI 53218  
TELEPHONE: 1(800)825-7650  
FAX: 1(414)461-0903  
EMERGENCY CONTACT: Call CHEMTREC at 800-424-9300 for 24 hour Emergency Response involving a spill, leak, fire, exposure, or accident.  
TO REQUEST AN SDS: [info@knightchemicals.com](mailto:info@knightchemicals.com) or [www.knightchemicals.com](http://www.knightchemicals.com)  
PRODUCT NAME / USE: Organiclear™ WR5 – Penetrating Wood Coating

### 2. HAZARD(S) IDENTIFICATION:

NFPA Hazard Rating (HMIS / NFPA): (Scale 0-4)

HEALTH: **3** FLAMMABILITY: **2** REACTIVITY: **1** PERSONAL PROTECTION: **B**

#### **EMERGENCY OVERVIEW:**

PHYSICAL STATE: Liquid  
APPEARANCE: Light Amber color solutions  
ODOR: Slight, Sweet-Smelling, Aromatic

**PRECAUTIONARY MEASURES:** - Read all safety precautions prior to handling material.

Avoid Ingesting material. Avoid excessive inhalation of vapors or mist. Avoid contact with eyes or skin. Do not smoke or introduce material to open flames or heat. Use proper protective gear when applying this product.

#### **POTENTIAL HEALTH EFFECTS:**

**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.

**SYSTEMIC (OTHER TARGET ORGAN) EFFECTS:** Product contains materials which may cause damage to the following organs: Eyes, Cornea, Blood, Kidneys, Liver, Gastrointestinal Tract, Upper Respiratory Tract, Skin and the Nervous System.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS:

**PRODUCT TRADE NAME:** ORGANICLEAR™ - WR5 Penetrating Wood Coating  
**CHEMICAL NAME:** None  
**SYNONYMS:** None  
**CHEMICAL FAMILY:** None  
**CAS NUMBER:** None – Mixture

<u>CHEMICAL</u>	<u>Wt %</u>	<u>CAS No.</u>	<u>TLV (ACGIH)</u>	<u>PEL (OSHA)</u>
Diethylene Glycol				
Monomethyl Ether	< 1	000111-77-3		Not Available
Methanol	< 1	000067-56-1		
Aromatic Solvent	< 1	064742-94-5		
3-Iodo-2-propynyl				
Butyl Carbamate	< 1	055406-53-6		None Established
1,2,4-Trimethylbenzene	< 1	000095-63-6		
Cumene	< 1	000098-82-8		
Xylene	< 1	001330-20-7		
Aromatic Hydrocarbon				
Solvent	> 50	064742-95-6		

### 4. FIRST AID MEASURES

**EYES:** Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

**SKIN:** Immediately flush with large amounts 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 on convulsion may be needed.

### 5. FIRE-FIGHTING MEASURES:

**FLASH POINT:** 110° F  
**METHOD USED:** Tag closed cap  
**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 & EXPLOSION HAZARD:** 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 / PPE, 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 & 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 a airtight container until disposal. Do Not store with strong oxidizing materials.

## 6. ACCIDENTAL RELEASE MEASURES:

**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 noted 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 waste should be taken to a Waste Disposal Facility. Containers can be offered for recycling or triple rinse and dispose of in an approved landfill.

## 7. HANDLING & STORAGE

**SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid eye and prolonged skin contact. 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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

**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.

## 9. PHYSICAL & CHEMICAL PROPERTIES:

<b>BOILING POINT:</b>	> 300° F (148° C)
<b>VAPOR PRESSURE:</b>	< 10mm Hg at 20°C
<b>VAPOR DENSITY:</b>	Approximately 4
<b>SOLUBILITY IN WATER:</b>	Immiscible in water
<b>SPECIFIC GRAVITY:</b>	0.8 (min)
<b>APPEARANCE:</b>	Light amber color solution
<b>ODOR:</b>	Slight, sweet-smelling, aromatic
<b>EVAPORATION RATE:</b>	(n-butyl acetate = 1) 0.1 Approximately
<b>% VOLITILE by VOLUME:</b>	93%

## 10. STABILITY & REACTIVITY:

**STABILITY:** (Conditions to Avoid) NONE - STABLE

**INCOMPATIBILITY:** (Specific Materials to Avoid) Avoid contact with strong oxidizing agents (i.e. Liquid Chloride, 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.

## 11. TOXICOLOGICAL INFORMATION:

<b>CHEMICAL</b>	<b>CAS No.</b>	<b>LC50 – RAT – 4HR</b>	<b>LD50 - RAT</b>
Diethylene Glycol			
Monomethyl Ether	000111-77-3	No Data Available	7000 mg/kg
Methanol	000067-56-1	64000 ppm / 4hr	5628 mg/kg
Aromatic Solvent	064742-94-5	No Data Available	2000 mg/kg
3-Iodo-2-propynyl			
Butyl Carbamate	055406-53-6	680 mg/m3 / 4hr	1056 mg/kg
1,2,4-Trimethylbenzene	000095-63-6	18000 mg/m3 / 4hr	6900 mg/kg
Cumene	000098-82-8	8000 ppm / 4hr	1400 mg/kg
Xylene	001330-20-7	5000 ppm / 4hr	2119 mg/kg
Aromatic Hydrocarbon			
Solvent	064742-95-6	20 ppm / 4hr	2000 mg/kg

**MUTADENICITY:** Not Tested

**REPRODUCTIVE:** Not Tested

## 12. ECOLOGICAL INFORMATION:

**ECOTOXICITY:** No known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS:

**DISPOSAL METHOD:** Comply with federal, state, and local laws, regulations and procedures. Contact manufacturer and/or authorities for detailed information. Refer to Sections: 6-7-8 for additional Handling, Disposal and Exposure information.

## 14. TRANSPORT INFORMATION:

<b>U.S. DOT (49 CFR):</b> Ground:	UN1263 – PAINT RELATED MATERIAL – CLASS 3 – PGIII May be classified as a combustible liquid in non-bulk containers
<b>U.S. DOT (49 CFR):</b> Air:	UN1263 – PAINT RELATED MATERIAL – CLASS 3 – PGIII
<b>IMO OCEAN:</b>	UN1263 – PAINT RELATED MATERIAL – CLASS 3 – PGIII
<b>IATA / ICAO Air:</b>	UN1263 – PAINT RELATED MATERIAL – CLASS 3 – PGIII

## 15. REGULATORY INFORMATION:

**REGULATION INFORMATION:** (Not meant to be all-inclusive--selected regulations represented.)

### **U.S. FEDERAL REGULATIONS:**

**United States Inventory (TSCA 8b):** All components are listed or exempted

**SARA 302/304/311/312:** No components were found  
**(Extremely Hazardous Substances)**

**SARA 302/304:** No components were found  
**(Emergency Planning and Notification)**

**SARA 302/304/311/312:** Distillates (Petroleum), Aromatic Solvent, Xylene  
**(Hazardous Chemicals)**

### **CALIFORNIA PROPOSITION 65:**

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

## 16. OTHER INFORMATION:

### HAZARDOUS MATERIAL INFORMATION SYSTEM (H.M.I.S.):

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>2</b>
<b>REACTIVITY</b>	<b>1</b>

**Caution:** HMIS ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

Information contained on these sheets needs to be made available to your workers according to the OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS).

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