

SAFETY DATA SHEET

ORGANICLEAR™ IWF-A – Interior Wood Coating (Alkyd)

MSDS NO.: KCWS003

Rev Date: 05-7-2015

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 or www.knightchemicals.com
PRODUCT NAME / USE: Organiclear™ IWF-A – Interior Wood Coating (Alkyd)

2. HAZARD(S) IDENTIFICATION:

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

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

EMERGENCY OVERVIEW:

PHYSICAL STATE: Liquid
APPEARANCE: Dark 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: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

INHALATION: 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™ - IWF-A - Interior Wood Coating (Alkyd)
CHEMICAL NAME: None
SYNONYMS: Interior Wood Finish
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>
Mineral Spirits	>40.00	008052-41-3	100 ppm (TWA) 200 ppm (STEL)	500 ppm (TWA)
Mineral Spirits	>10.00	064742-47-8	100 ppm (TWA) 200 ppm (STEL)	500 ppm (TWA)
Xylene	< 1.00	001330-20-7	100 ppm (TWA) 150 ppm (STEL)	100 ppm (TWA) 150 ppm (STEL)

4. FIRST AID MEASURES

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

SKIN: 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.

5. FIRE-FIGHTING MEASURES:

FLASH POINT: 106° F (41°C)
METHOD USED: Tag closed cap
FLAMMABLE LIMIT @ 77°F: (Approximate)
LEL: 0.5%
UEL: 8.0%

Auto Ignition Temperature: Approximately 880° F (470°C)

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 an 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:

BOILING POINT:	> 300° F (148° C)
VAPOR PRESSURE:	Approximately 2.5mm Hg @ 20°C
VAPOR DENSITY:	Approximately 5 (Air = 1)
SOLUBILITY IN WATER:	Immiscible in water
SPECIFIC GRAVITY:	0.85 – 0.87
APPEARANCE:	Dark amber color solution
ODOR:	Slight, sweet-smelling, aromatic
EVAPORATION RATE:	(n-butyl acetate = 1) 0.15 (Approximately)
% VOLITILE by VOLUME:	58%

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.).

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release carbon dioxide, carbon monoxide, aldehydes, halogenated compounds and iodine vapors.

HAZARDOUS POLYMERIZATION: None Known

11. TOXICOLOGICAL INFORMATION:

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>LC50 – RAT</u>	<u>LD50 - RAT</u>
Mineral Spirits	008052-41-3	21 mg/L – 1hr	7000 mg/kg
Mineral Spirits	064742-47-8	Not Determined	Not Determined
Xylene	001330-20-7	5000 ppm / 4hr	2119 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:

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

HEALTH	2
FLAMMABILITY	2
REACTIVITY	2

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).

This Safety Data Sheet and the information it contains is offered to you in good faith as accurate, but there is no representation, guarantee or warranty, either expressed or implied, regarding its accuracy, reliability or completeness. This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. 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 and to satisfy themselves as to the suitability and completeness of such information for their own particular use. Consult with appropriate experts to guard against hazards associated with the use of this product and its ingredients. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

The conditions of storage, handling, use and disposal of the product are beyond our control. For this and other reasons, we do not assume any responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with the storage, handling, use or disposal of the product.

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

SAFETY DATA SHEET

ORGANICLEAR™ IWF-P – Interior Wood Coating (Poly)

MSDS NO.: KCWS002

Rev Date: 05-6-2015

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 or www.knightchemicals.com
PRODUCT NAME / USE: Organiclear™ IWF-P – Interior Wood Coating (Poly)

2. HAZARD(S) IDENTIFICATION:

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

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

EMERGENCY OVERVIEW:

PHYSICAL STATE: Liquid
APPEARANCE: Dark 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: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

INHALATION: 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™ - IWF-P - Interior Wood Coating (Poly)
CHEMICAL NAME: None
SYNONYMS: Interior Wood Finish
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>
Mineral Spirits	>40.00	008052-41-3	100 ppm (TWA) 200 ppm (STEL)	500 ppm (TWA)
Mineral Spirits	>10.00	064742-47-8	100 ppm (TWA) 200 ppm (STEL)	500 ppm (TWA)
Trimethylbenzene	<1.00	025551-13-7	225 ppm (TWA)	Not Determined
Aromatic Hydrocarbon Solvent	>5.00	064742-95-6	50 ppm (TWA)	Not Determined

4. FIRST AID MEASURES

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

SKIN: 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: 106° F (41°C)
METHOD USED: Tag closed cap
FLAMMABLE LIMIT @ 77°F: (Approximate)
LEL: 0.5%
UEL: 8.0%

Auto Ignition Temperature: Approximately 880° F (470°C)

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 an 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:

BOILING POINT:	> 300° F (148° C)
VAPOR PRESSURE:	Approximately 2.5mm Hg @ 20°C
VAPOR DENSITY:	Approximately 4.5 (Air = 1)
SOLUBILITY IN WATER:	Immiscible in water
SPECIFIC GRAVITY:	0.85 – 0.87
APPEARANCE:	Dark amber color solution
ODOR:	Slight, sweet-smelling, aromatic
EVAPORATION RATE:	(n-butyl acetate = 1) 0.15 (Approximately)
% VOLITILE by VOLUME:	60%

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.).

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release carbon dioxide, carbon monoxide, aldehydes, halogenated compounds and iodine vapors.

HAZARDOUS POLYMERIZATION: None Known

11. TOXICOLOGICAL INFORMATION:

<u>CHEMICAL</u>	<u>CAS No.</u>	<u>LC50 – RAT</u>	<u>LD50 - RAT</u>
Mineral Spirits	008052-41-3	21 mg/L – 1hr	7000 mg/kg
Mineral Spirits	064742-47-8	Not Determined	Not Determined
Trimethylbenzene	025551-13-7	Not Determined	5000 mg/kg
Aromatic Hydrocarbon Solvent	064742-95-6	> 10 < 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:

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

HEALTH	2
FLAMMABILITY	2
REACTIVITY	2

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).

This Safety Data Sheet and the information it contains is offered to you in good faith as accurate, but there is no representation, guarantee or warranty, either expressed or implied, regarding its accuracy, reliability or completeness. This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. 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 and to satisfy themselves as to the suitability and completeness of such information for their own particular use. Consult with appropriate experts to guard against hazards associated with the use of this product and its ingredients. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

The conditions of storage, handling, use and disposal of the product are beyond our control. For this and other reasons, we do not assume any responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with the storage, handling, use or disposal of the product.

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.