



# The Kindt-Collins Company LLC

12651 Elmwood Ave  
Cleveland, Ohio 44111

## Saw Lube

DATE PREPARED: 1/31/03

LAST REVISION: 4/6/04

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER:** Kindt-Collins Company LLC  
12651 Elmwood Ave  
Cleveland, OH 44111

**INFORMATION PHONE:** (216) 252-4122  
**EMERGENCY PHONE:** (800) 424-9300  
(Chemtrec)

**PRODUCT NAME:** Saw Lube

**PRODUCT NUMBER:**  
**UPC NUMBER:**

**SYNONYMS:**

**PREPARED BY** Kathy Louney-Bilski

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Ingredient %	OSHA PEL	ACGIH TLV
WAX BLEND - Microcrystalline wax	63231607	100	2 ppm (mg/m <sup>3</sup> )	IWA 2 ppm (mg/m)

This Product is completely colophony free with no detectable trace elements.

### 3. HAZARDOUS IDENTIFICATION

#### EMERGENCY OVERVIEW:

#### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Fumes from molten product may cause irritation. Contact with molten product may cause severe thermal burns

**INHALATION:** Product dust may cause respiratory tract irritation. Molten wax may cause irritation to the respiratory tract

**INGESTION:** Low order of acute systematic toxicity

**SKIN CONTACT:** Contact with molten wax may cause severe thermal burns

#### SIGNS AND SYMPTOMS OF EXPOSURE:

### 4. FIRST AID MEASURES

**EYE CONTACT:** Ambient wax - flush wax particles with tepid water. Hot wax - seek medical attention

**INHALATION:** When fume or mist occurs remove to fresh air. If person is not breathing provide oxygen or artificial respiration. Seek medical attention.

**INGESTION:** Small quantities - permit to pass through system. Large quantities - seek medical attention

**SKIN CONTACT:** Ambient wax - wash with soap and water. Molten wax - cool wax immediately - do not remove wax from skin. Seek medical attention.

**AGGRAVATED MEDICAL CONDITIONS:**

**SUPPLEMENTAL HEALTH INFORMATION:**

## **5. FIRE FIGHTING MEASURES**

### **FLAMMABLE PROPERTIES**

**FLASH POINT:** >200°C

**FLASH POINT METHOD USED:** COC, ASTM D-92

**AUTOIGNITION:** Not Determined

**LEL:** N/A

**UEL:** N/A

**EXTINGUISHING MEDIA:**

Use water fog, alcohol-type foam, dry chemical, or CO<sub>2</sub>. Do not use direct stream of water

**SPECIAL FIRE FIGHTING PROCEDURES:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

As with most solid or particulate organic material, extremely high dust concentration in air may result in a potential fire hazard. Good housekeeping practices will prevent any significant accumulations

**COMBUSTION PRODUCTS:**

N/A

## **6. ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Sweep up material and place in appropriate disposal container. If molten wax-contain spil as much as possible and let molten wax cool. Once solid, place material in appropriate disposal container

## **7. HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Follow all MSDS/label precautions even after container is emptied because they may retain product residues

**OTHER PRECAUTIONS:**

N/A

## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

Normally none required For mist and fumes used approved NIOSH/MSHA organic respirator

**VENTILATION:** Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination

**PROTECTIVE GLOVES:** Ambient wax- cotton gloves /Molten wax- impervious heat protectivegloves

**EYE PROTECTION:** Safety glasses with side shields (or goggles) and a face shield.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N/A

**WORK / HYGENIC PRACTICES:**

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the restroom facilities.

**ENGINEERING CONTROLS:** Good ventilation should be sufficient to control airborne levels. Do not let molten product stand unused in melt tanks and injection machines. Stir molten product at all times.

**EXPOSURE GUIDELINES:**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**SOLUBILITY IN WATER:** Insoluable      **APPEARANCE AND ODOR:** Waxy Solid, little or no odor

<b>BOILING POINT:</b>	660-730° F	<b>FREEZING POINT:</b>	N/A
<b>VAPOR PRESSURE</b>	N/A	<b>PERCENT VOLATILE:</b>	N/A
<b>EVAPORATION:</b>	N/A	<b>PH:</b>	N/A
<b>POUNDS PER GALLON</b>	N/A	<b>MOLECULAR WEIGHT:</b>	N/A
<b>SPECIFIC GRAVITY:</b>	~ 922	<b>VAPOR DENSITY:</b>	N/A
<b>MELTING POINT:</b>	166+/-6 °F	<b>OTHER PROPERTIES:</b>	

## 10. STABILITY AND REACTIVITY

**STABLE:** Stable      **INCOMPATIBILITY:** Strong oxidizing materials.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS:** Carbon dioxide (Carbon monoxide with incomplete combustion)

**HAZARDOUS POLYMERIZATION:** Will Not Occur

## 11. TOXICOLOGY INFORMATION

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water

## 14. TRANSPORTATION INFORMATION

<b>DOT CLASS:</b>	Non-Hazardous
<b>HAZARD CLASS:</b>	Non-Hazard
<b>UN NUMBER:</b>	Non-Hazard
<b>PACKING:</b>	Non-Hazard
<b>GUIDE NUMBER:</b>	N/A
<b>PROPER SHIPPING NAME:</b>	Non-Hazardous

## 15. REGULATORY INFORMATION

### EC Classification:

#### SARA Title III

per 40 CFR 372.45(f) toxic chemicals if so listed here in the mixture do not exceed the specified upper bound concentration value listed as Wt%

#### Section 302 : Extremely Hazardous (If Section is blank - then it is N/A (not applicable))

Chemical Name	CAS number	Wt %
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#### Section 311-312: Hazardous Categorization (If Section is blank - then it is N/A (not applicable))

Chemical Name	CAS number	Wt %
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#### Section 313: Toxic Chemical (If Section is blank - then it is N/A (not applicable))

Chemical Name	CAS number	Wt %
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#### WHIMIS (If Section is blank - then it is N/A (not applicable))

Chemical name	CAS number	Wt %
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#### Proposition 65 (If Section is blank - then it is N/A (not applicable))

Chemical name	CAS number	Wt %
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## 16. OTHER INFORMATION

HMIS INFORMATION: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PROTECTIVE:

### DISCLAIMER

The information contained herein is based on the data available to The Kindt-Collins LLC and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. We assume no responsibilities for injury from the use of this product described herein.

We only warrant to you, but no other persons, that the product herein shall conform to our Quality Assurance specifications on the date of shipment to you. Any technical advise, information, or recommendations given to you is given gratis without any warranty, expressed or implied.