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Safety Data Sheet

Issue Date 02-Jul-2013

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Version 1

1. IDENTIFICATION

Product Identifier

Product Name

Tung Oil

Other means of identification

SDS #

NC-018

Synonyms

China wood oil.

Recommended use of the chemical and restrictions on use

Recommended Use

For industrial use.

Details of the supplier of the safety data sheet

Distributor Address:

Real Milk Paint Co. LLC

126 Commerce Dr

Hohenwald, TN 38462

www.realmilkpaint.com

Emergency Telephone Number

Company Phone Number

Phone: 215-538-3886

Fax: 215-538-5435

Emergency Telephone (24 hr) CHEMTREC

1-800-424-9300

CCN717946 or +703-527-3887

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Yellowish liquid

Physical State Liquid

Odor Strong

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms

China Wood Oil

Chemical Name	CAS No	Weight - %
Tung Oil	8001-20-5	100

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Most important symptoms and effects	
Symptoms	Direct contact with eyes may cause temporary irritation. May cause discomfort if swallowed.
Indication of any immediate medical attention and special treatment needed	
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical or CO₂, Alcohol resistant foam.

Unsuitable Extinguishing Media Water jet.

Specific Hazards Arising from the Chemical

Flammable in presence of open flames.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth).

Methods for Clean-Up

Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Avoid contact with skin, eyes or clothing. Keep away from heat.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store away from heat, sparks, flame. Store away from ignition sources and incompatible materials. Keep container tightly closed and store in a cool, dry and well-ventilated place.

Incompatible Materials Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines The following information is given as general guidance

Appropriate engineering controls

Engineering Controls Explosion-proof general and local exhaust ventilation. Facilities storing or utilizing this

material should be equipped with an eyewash facility and a safety shower. Work with fume hood.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Splash goggles or safety glasses.
Skin and Body Protection Wear protective gloves, Wear a lab coat.
Respiratory Protection NIOSH approved dust respirator.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Strong
Appearance	Yellowish liquid	Odor Threshold	Not determined
Color	Yellowish		
Property		Values	
pH		Not determined	
Melting Point/Freezing Point		Not determined	
Boiling Point/Boiling Range		Not determined	
Flash Point		289 °C / 552 °F CC (closed cup)	
Evaporation Rate		Not determined	
Flammability (Solid, Gas)		Not determined	
Upper Flammability Limits		Not determined	
Lower Flammability Limit		Not determined	
Vapor Pressure		Not determined	
Vapor Density		Not determined	
Specific Gravity		0.9360-0.9395	
Water Solubility		Insoluble in water	
Solubility in other solvents		Not determined	
Partition Coefficient		Not determined	
Autoignition Temperature		Not determined	
Decomposition Temperature		Not determined	
Kinematic Viscosity		Not determined	
Dynamic Viscosity		Not determined	
Explosive Properties		Not determined	
Oxidizing Properties		Not determined	
Density		0.937 g/cm ³ at 25 °C (77 °F)	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Direct contact with eyes may cause temporary irritation.

Skin Contact Avoid contact with skin.

Inhalation	Avoid breathing vapors or mists.
Ingestion	May cause discomfort if swallowed
Component Information	Not available

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Vapor Pressure	Not determined
Vapor Density	Not determined
Specific Gravity	0.9360-0.9395
Water Solubility	Insoluble in water
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Component Information	Not available
Persistence/Degradability	Not determined
Bioaccumulation	Not determined
Mobility	Not determined
Other Adverse Effects	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods	
Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories
Not determined

Legend: TSC A - *United States Toxic Substances Control Act Section 8(b) Inventory*
 DSL/NDSL - *Canadian Domestic Substances List/Non-Domestic Substances List*
 EINE CS/E LINC S - *European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
 ENCS - *Japan Existing and New Chemical Substances*
 IE CSC - *China Inventory of Existing Chemical Substances*
 K E CL - *Korean Existing and Evaluated Chemical Substances*
 PIC CS - *Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 313

Not determined

US State Regulations

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	0	1	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	1	0	Not determined

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Revision Note New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet