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Safety Data Sheet

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1. IDENTIFICATION

Product Identifier
Product Name Dark Raw Tung/ Citrus Solvent

Other Means of identification
SDS # **NC-018/5989-27-5**

Synonyms Dark 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 Brown/Yellowish liquid **Physical State** Liquid **Odor** Strong

Emergency Overview:

Appearance:	Colorless to pale yellow liquid
Odor:	Fresh citrus orange
Risk Summary	Moderate eye and skin irritant. This substance is flammable and will Sustain combustion at temperatures above its flashpoint. Avoid heat, sparks and open flames.

Potential Health Effects:

Inhalation	Vapors may cause respiratory passage irritation in confined spaces. No known long-term hazards.

Eyes:	Irritating to eyes
Skin:	Irritating to skin
Ingestion:	Will be irritating to tissues. May be harmful or fatal if swallowed in sufficient quantity. See section 11 (Toxicological information) for further information.
Chronic:	Not considered a carcinogen by NTP, IARC, or OSHA. No known chronic indications.

Environmental Hazards:
Marine Pollutant

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No. 8001-20-5
CAS No. 12002-43-6
HMIS/MEPA HAZARD IDENTIFICATION SYSTEM: H-O F-2 R-0 P-B

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 Remove contaminated clothing. Wash affected areas with soap and water. See a physician if irritation persists.

Inhalation Remove to fresh air. See physician if breathing difficulty. Vapors may cause respiratory passage irritation in confined spaces. No known long-term hazards

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. Carbon dioxide, dry chemical, foams

Unsuitable Extinguishing Media Water jet.

Flammability Classifications: DOT – Not Regulated

Flash Point: Flashpoint 48 degrees Celsius (115 degrees Fahrenheit) TTC. Vapors can combust and liquids can burn when temperatures reach or exceed the flashpoint.

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.

Fire Fighting Instructions:Use CO2, foam or dry chemical. Use water as a spray only to lower temperature. This substance floats on water. Treat as an oil fire.

Unusual Fire & Explosion Hazards: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. As well all vegetable oils, rags, steel wool or waste soaked with oil, may spontaneously catch fire if improperly discarded. Immediately after use, place the oil soaked material in a sealed water-filled metal container.

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). Exercise caution, as hard floors coated with this material may be slippery. Sand or oil-absorbing materials may absorb small spills. Pumping into closed containers for recovery or disposal should collect large spills. Spills over water will float and may be collected by oil absorbents or by skimming.

Environmental Precautions: Do not discharge into surface water. May b toxic to aquatic organisms. See section 3 (environmental hazards) and section12 (ecological information for further information)

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. Wear chemical safety glasses or goggles and chemically resistant gloves. A chemically resistant apron may be used to protect clothing respirator may be worn to prevent breathing spray mists or heated fumes.

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. Store in tightly closed metal or glass containers. Containers should be full or blanketed by inert gas. Do not store in plastic. Avoid heat, sparks, and open flames.

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 chemically resistant rubber gloves and apron (piton, nitride, and or PVC) to minimize exposure.

Respiratory Protection NIOSH approved dust respirator. Organic vapor cartridge may be used to prevent irruption from mists and vapors and for odor elimination.

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		
Appearance	Black	**Odor**	Strong/Fresh Citrus Orange
Color	Dark Brown	**Odor Threshold**	Not determined

Property	**Values**
pH	Not determined
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	Not determined
Flash Point	48°C/115°F TCC (closed cup)
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Upper Flammability Limits	Not determined
Lower Flammability Limit	Not determined
Vapor Pressure	2 mmHg at 20 °C
Vapor Density	>1 (air=1.0)
Specific Gravity	0.9360-0.9395/84@25°C
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	The product combusts in the presence of strong oxidizers
Density	0.937 g/cm3 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
Excessive temperatures and-or contact with air may cause decomposition or oxidation. Keep out of reach of children.

Incompatible Materials
Strong oxidizing agents. Avoid contact with strong acids, strong bases, and oxidizing agents. Reacts explosively with iodine pentafluoroethylene.

Hazardous Decomposition Products
Incomplete decomposition product may include CO. Ultimate decomposition products are CO_2 and water.

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

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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

Target Organs: Eyes and skin.
Routes of Entry: Eye and skin contact.
Acute Toxicity: LPR-Muss TD (LO): 4800 mg/kg/BW-I: ETA.
ORL-Muss TD (LO): 67g/kg38W-I: ETA.
Chronic Toxicity: No known chronic indications.

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. Related chemicals are known to be biodegradable.

Aquatic Toxicity: Marine Pollutant. This substance is immiscible with water. This substance is known to evaporate quickly and biodegradable and should not cause long term effects.

Bioaccumulation
Not determined

Mobility
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

RCRA Hazardous Waste: Classified as a RCRA Hazardous waste (flammable characteristic).
Disposal Methods: Dispose of this material by incineration or recovery at a government-approved disposal facility.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT:
Proper Shipping Name: Terpene hydrocarbons, n.o.s.3, UN2319, PG III
Exceptions: Chemicals, n.o.1. (Not Regulated) – allowable for shipment in non-bulk containers.
IMO: DIPENTENE, 3, UN2052, PGIII, and MARINE POLLUTANT.
IATA: Terpene hydrocarbons, n.o.s., 3, UN2318, PGIII

15. REGULATORY INFORMATION

OSHA – Hazardous by definition of 29CFR1910. 1200 for flammability
CERCLA – (SARA Title III) Hazard Category – Fire hazard.

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 LINCS - *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

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	0	1	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	0	1	0	Not determined

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